

DNAxPAb

Hard-to-Find  
Antibody

# MAPK12 DNAxPab

Catalog # H00006300-W01P

Size 200 ug

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human MAPK12 DNA using DNAx™ Immune technology.                                                                                                                                                                                                                                                                                                 |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen               | Full-length human DNA                                                                                                                                                                                                                                                                                                                                                                                   |
| Sequence                | MSSPPPARSGFYRQEVTKTAWEVRAVYRDLQPVGSGAYGAVCSAVDGRTGAKVAIKKLYRPFQ<br>SELF AKRAYRELRLLLKHMRENHENVIGLLDVFTPDETLDDFTDFYLVMPFMGTDLGKLMKHEKLGED<br>RIQFLVYQMLKGLRYHAAGIIHRDLKPGNLAVNEDCELKILDFGLARQADSEMTGYVVTRWYRAPE<br>VILNWMRYTQTVDIWSVGCIMAEMITGKTLFKGSDHLDQLKEIMKVTGTPPAEFVQRLQSDEAKNY<br>MKGLPELEKKDFASILTNASPLAVNLEKMLVLDAEQRV TAGEALAHYPYFESLHDTEDEPQVQKY<br>DDSFDDVDRTLDEWKRVTYKEVLSFKPPRQLGARVSKETPL |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                  |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                   |
| Purification            | Protein A                                                                                                                                                                                                                                                                                                                                                                                               |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                                                                                                                                                                                                                                                                                                                 |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                       |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — MAPK12

|                     |                                                                                                                                                                                                                                                                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">6300</a>                                                                                                                                                                                                                                                                                                                           |
| GeneBank Accession# | <a href="#">NM_002969.3</a>                                                                                                                                                                                                                                                                                                                    |
| Protein Accession#  | <a href="#">NP_002960.2</a>                                                                                                                                                                                                                                                                                                                    |
| Gene Name           | MAPK12                                                                                                                                                                                                                                                                                                                                         |
| Gene Alias          | ERK3, ERK6, P38GAMMA, PRKM12, SAPK-3, SAPK3                                                                                                                                                                                                                                                                                                    |
| Gene Description    | mitogen-activated protein kinase 12                                                                                                                                                                                                                                                                                                            |
| Omim ID             | <a href="#">602399</a>                                                                                                                                                                                                                                                                                                                         |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                      |
| Gene Summary        | Activation of members of the mitogen-activated protein kinase family is a major mechanism for transduction of extracellular signals. Stress-activated protein kinases are one subclass of MAP kinases. The protein encoded by this gene functions as a signal transducer during differentiation of myoblasts to myotubes. [provided by RefSeq] |
| Other Designations  | mitogen-activated protein kinase 3 stress-activated protein kinase 3                                                                                                                                                                                                                                                                           |

## Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [Fc epsilon RI signaling pathway](#)
- [GnRH signaling pathway](#)
- [Leukocyte transendothelial migration](#)
- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)

- [VEGF signaling pathway](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)