

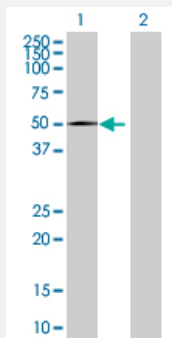
MaxPab®

MAPK12 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006300-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MAPK12 expression in transfected 293T cell line ([H00006300-T01](#)) by MAPK12 MaxPab polyclonal antibody.

Lane 1: MAPK12 transfected lysate(40.37 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human MAPK12 protein.
Immunogen	MAPK12 (NP_002960.2, 1 a.a. ~ 367 a.a) full-length human protein.
Sequence	MSSPPPARSGFYRQEVTKTAWEVRAVYRDLQPVGSGAYGAVCSAVDGRGTGAKVAIKKLYRPFQ SELF AKRAYRELRLKKHMRHENVIGLLDVFTPDETLD DFTDFYL VMPFMGTD LGKLMKHEKLGED RIQFLVYQMLKGLRYIHAAGIIHRDLKPGNLAVNEDCELKILDFGLARQADSEMTGYVVTRWYRAPE VILNWMRYTQTVDIWSVGCIMAEMITGKTLFKGSDHLDQLKEIMKVTGTPPAEFVQRLQSDEAKNY MKGLPELEKKDFASILTNASPLAVNLLEKMLVLD AEQRTV TAGEALAHYPFESLHDTED EPQVQKY DDSFDDVDRTLDEWKRVTYKEVLSFKPPRQLGARVSKETPL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (94)
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.

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[Protocol Download](#)

Gene Info — MAPK12

Entrez GeneID [6300](#)

GeneBank Accession# [NM_002969.3](#)

Protein Accession# [NP_002960.2](#)

Gene Name MAPK12

Gene Alias ERK3, ERK6, P38GAMMA, PRKM12, SAPK-3, SAPK3

Gene Description mitogen-activated protein kinase 12

Omim ID [602399](#)

Gene Ontology [Hyperlink](#)

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](#)