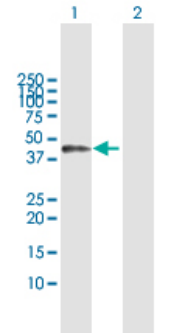
MaxPab®

MAPK12 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00006300-D01 Size 100 uL

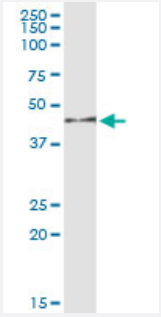
Applications



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(41.9 KDa).
Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of MAPK12 transfected lysate using anti-MAPK12 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with MAPK12 MaxPab mouse polyclonal antibody (B01) (H00006300-B01).

Specification

Product Description	Rabbit 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	MSSPPPARSGFYRQEVTKTAWEVRAVYRDLQPVGSGAYGAVCSAVDGRTGAKVAIKKLYRPFQ SELFAKRAYRELRLLKHMRHENVIGLLDVFTPDETLDDFTDFYLVMPFMGTDLGKLMKHEKLGED RIQFLVYQMLKGLRYIHAAGIIHRDLKPGNLAVNEDCELKILDFGLARQADSEMTGYVVTRWYRAPE VILNWMRYTQTVDIWSVGCIMAEMITGKTLFKGSDHLDQLKEIMKVTGTPPAEFVQRLQSDEAKNY MKGLPELEKKDFASILTNASPLAVNLLEKMLVLDAEQRVTAGEALAHPYFESLHDTEDEPQVQKY DDSFDDVDRTLDEWKRVTYKEVLSFKPPRQLGARVSKETPL
Host	Rabbit

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Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (94)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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  Protocol Download

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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

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Gene Summary	Activation of members of the mitogen-activated protein kinase family is a major mechanism for tr ansduction of extracellular signals. Stress-activated protein kinases are one subclass of MAP kin ases. 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

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