

Rabbit MKNK1-T197/202 Polyclonal Antibody | anti-MKNK1 antibody

Phospho-MKNK1-T197/202 Polyclonal Antibody

CATALOG # AAA280474	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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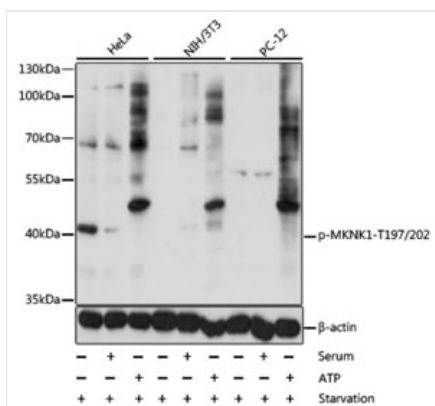
PRODUCT SYNONYMS

MKNK1-T197/202; Polyclonal Antibody; Phospho-MKNK1-T197/202 Polyclonal Antibody; anti-MKNK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.01% thimerosal, 50% glycerol, pH7.3
Sequence Length	347
Applicable Applications for anti-MKNK1 antibody	ELISA, WB (Western Blot)
Immunogen	A synthetic phosphorylated peptide around T197 & T202 of rat MKNK1 (NP_001037732.1)
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Phospho- MKNK1-T197/202 antibody (AAA280474) at 1:1000 dilution. HeLa cells were treated by 10% FBS for after serumstarvation overnight or treated by ATP (5mM) at 30 degree C for 1 hour .NIH/3T3 cells were treated by 10% FBS for 30 minutes after serumstarvation overnight or treated by ATP (5mM) at 30 degree C for 1 hour. PC-12 cells were treated by 20% FBS for 20 minutes after serum-starvation overnight or treated by ATP (5mM) at 30 degree C for 1 hour Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-MKNK1 antibody	This gene encodes a Ser/Thr protein kinase that interacts with, and is activated by ERK1 and p38 mitogen-activated protein kinases, and thus may play a role in the response to environmental stress and cytokines. This kinase may also regulate transcription by phosphorylating eIF4E via interaction with the C-terminal region of eIF4G. Alternatively spliced transcript variants have been noted for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	207113186
NCBI GeneID	8569
NCBI Accession #	NP_001129025.1
NCBI GenBank Nucleotide #	NM_001135553.2
UniProt Accession #	Q9BUB5; O00312; Q5TC06; Q5TC07; Q6V0N6; D3DQ20; D3DQ21
Molecular Weight	Calculated MW: 51kDa
NCBI Official Full Name	MAP kinase-interacting serine/threonine-protein kinase 1 isoform 3
NCBI Official Synonym Full Names	MAP kinase interacting serine/threonine kinase 1
NCBI Official Symbol	MKNK1
NCBI Official Synonym Symbols	MNK1
NCBI Protein Information	MAP kinase-interacting serine/threonine-protein kinase 1
UniProt Protein Name	MAP kinase-interacting serine/threonine-protein kinase 1
UniProt Gene Name	MKNK1
UniProt Synonym Gene Names	MNK1; MAPK signal-integrating kinase 1; Mnk1
UniProt Entry Name	MKNK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.