

Rabbit MKNK1 Polyclonal Antibody | anti-MKNK1 antibody

MKNK1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282172	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

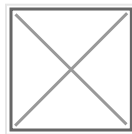
PRODUCT SYNONYMS

MKNK1; Polyclonal Antibody; MKNK1 Rabbit pAb; MNK1; anti-MKNK1 antibody

PRODUCT SPECIFICATIONS

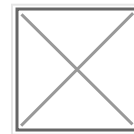
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Applicable Applications for anti-MKNK1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human MKNK1.
Positive Samples	HeLa, 293T, HepG2, Mouse pancreas, Rat skeletal muscle
Cellular Location	Cytoplasm, Cytoplasm, Nucleus
Research Area	Epigenetics & Nuclear Signaling Translation Control Regulation of eIF4 and p70 S6 Kinase Protein phosphorylation Signal Transduction Kinase Serine/threonine kinases Signal Transduction Phospholipase Signaling Pathway Signal Transduction MAPK-Erk Signaling Pathway Signal Transduction MAPK-P38 Signaling Pathway
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



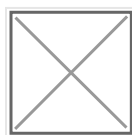
IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using MKNK1 Rabbit pAb (AAA282172) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.



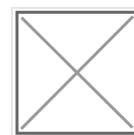
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using MKNK1 Rabbit pAb (AAA282172) at dilution of 1:50 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using MKNK1 Rabbit pAb (AAA282172) at dilution of 1:50 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat fallopian tube using MKNK1 Rabbit pAb (AAA282172) at dilution of 1:50 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MKNK1 antibody (AAA282172) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.

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.
Product Categories/Family for anti-MKNK1 antibody	Catalog Antibodies; Polyclonal Antibodies; Primary Antibodies

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	51,342 Da
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; MAPK signal-integrating kinase 1; MAP kinase signal-integrating 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mknk1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/282172>