



Rabbit Anti-MAP3K10 antibody

SL6781R

Product Name:	MAP3K10
Chinese Name:	丝裂原活化蛋白激酶3K10抗体
Alias:	Activates the JUN N-terminal pathway; M3K10_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Rabbit,Sheep,Xenopuslaevis
Applications:	IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	104kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MLK2/MAP3K10:421-480/954
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>The protein encoded by this gene is a member of the serine/threonine kinase family. This kinase has been shown to activate MAPK8/JNK and MKK4/SEK1, and this kinase itself can be phoshorylated, and thus activated by JNK kinases. This kinase functions preferentially on the JNK signaling pathway, and is reported to be involved in nerve growth factor (NGF) induced neuronal apoptosis. [provided by RefSeq, Jul 2008].</p> <p>Function: Activates the JUN N-terminal pathway (By similarity).</p>

Subunit:

Homodimer (By similarity).

Tissue Specificity:

Expressed in brain and skeletal muscle.

Post-translational modifications:

Autophosphorylation on serine and threonine residues within the activation loop plays a role in enzyme activation (By similarity).

Similarity:

Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. MAP kinase kinase kinase subfamily.

Contains 1 protein kinase domain.

Contains 1 SH3 domain.

SWISS:

Q02779

Gene ID:

4294

Database links:

[Entrez Gene: 4294](#)Human

[Entrez Gene: 269881](#)Mouse

[Entrez Gene: 308463](#)Rat

[Omim: 600137](#)Human

[SwissProt: Q02779](#)Human

[SwissProt: Q66L42](#)Mouse

[Unigene: 466743](#)Human

[Unigene: 389883](#)Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.