



Rabbit Anti-MEKK1 antibody

SL18780R

Product Name:	MEKK1
Chinese Name:	MAPK/ERK激酶1抗体
Alias:	M3K1_HUMAN; Map3k1; MAPK/ERK kinase kinase 1; MAPKKK1; MEK kinase 1; MEKK 1; Mekk; MEKK1; Mitogen activated protein kinase kinase kinase 1; Mitogen activated protein kinase kinase kinase 1, E3 ubiquitin protein ligase; Mitogen-activated protein kinase kinase kinase 1; SRXY6.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=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:	164kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MEKK1:401-500/1512
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:	The protein encoded by this gene is a serine/threonine kinase and is part of some signal transduction cascades, including the ERK and JNK kinase pathways as well as the NF-kappa-B pathway. The encoded protein is activated by autophosphorylation and requires magnesium as a cofactor in phosphorylating other proteins. This protein has E3 ligase

activity conferred by a plant homeodomain (PHD) in its N-terminus and phospho-kinase activity conferred by a kinase domain in its C-terminus. [provided by RefSeq, Mar 2012]

Function:

Component of a protein kinase signal transduction cascade. Activates the ERK and JNK kinase pathways by phosphorylation of MAP2K1 and MAP2K4. Activates CHUK and IKBKB, the central protein kinases of the NF-kappa-B pathway.

Post-translational modifications:

Autophosphorylated.

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 RING-type zinc finger.
Contains 1 SWIM-type zinc finger.

SWISS:

Q13233

Gene ID:

600982

Database links:

[Entrez Gene: 4214](#) Human

[Entrez Gene: 26401](#) Mouse

[Entrez Gene: 116667](#) Rat

[Omim: 600982](#) Human

[SwissProt: Q13233](#) Human

[SwissProt: P53349](#) Mouse

[SwissProt: Q62925](#) Rat

[Unigene: 653654](#) Human

[Unigene: 15918](#) Mouse

[Unigene: 11081](#) Rat

	<p>Important Note:</p>
--	-------------------------------

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

www.sunlongbiotech.com