

For Research Use Only

ASK1 Polyclonal antibody

Catalog Number: 14385-1-AP

4 Publications



Basic Information

Catalog Number:

14385-1-AP

Size:

133 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5818

GenBank Accession Number:

BC054503

GeneID (NCBI):

4217

UNIPROT ID:

Q99683

Full Name:

mitogen-activated protein kinase
kinase kinase 5

Calculated MW:

155 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, monkey

Background Information

ASK1 (Apoptosis signal-regulating kinase 1) is also named as MAP3K5, MAPKKK5, MEKK5 and belongs to the MAP kinase kinase kinase subfamily. It is an evolutionarily conserved mitogen activated protein 3-kinase that activates both Jnk and p38 mitogen-activated protein kinases. ASK1 is activated in response to various cytotoxic stresses including TNF, Fas and reactive oxygen species (ROS) such as H₂O₂, and activates c-Jun NH 2-terminal kinase (JNK) and p38.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoye Liu	27762484	Cell Microbiol	WB
Na Zhao	29522763	J Mol Cell Cardiol	WB
Chen Xiaoping X	20619274	Life Sci	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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