

For Research Use Only

ASK1 Polyclonal antibody

Catalog Number: 14385-1-AP **4 Publications**



Basic Information

Catalog Number: 14385-1-AP	GenBank Accession Number: BC054503	Purification Method: Antigen affinity purification
Size: 133 µg/ml	GeneID (NCBI): 4217	
Source: Rabbit	UNIPROT ID: Q99683	
Isotype: IgG	Full Name: mitogen-activated protein kinase kinase kinase 5	
Immunogen Catalog Number: AG5818	Calculated MW: 155 kDa	

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

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Selected Validation Data