

For Research Use Only

ASK1 Polyclonal antibody

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



Basic Information

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| Catalog Number: 14385-1-AP | GenBank Accession Number: BC054503 | Purification Method: Antigen affinity purification |
| Size: 130 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 NH₂-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:

T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data