

For Research Use Only

# ASK1 Polyclonal ANTIBODY



Catalog Number: 14385-1-AP **3 Publications**

## Basic Information

<b>Catalog Number:</b> 14385-1-AP	<b>GenBank Accession Number:</b> BC054503	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150UL, Concentration: 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4217	
<b>Source:</b> Rabbit	<b>Full Name:</b> mitogen-activated protein kinase kinase kinase 5	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 155 kDa	
<b>Immunogen Catalog Number:</b> AG5818		

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
WB

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human, monkey, rat

## 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 H<sub>2</sub>O<sub>2</sub>, 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 0.1% 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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

---

## Selected Validation Data