

For Research Use Only

# STK24 Polyclonal antibody

Catalog Number: 13579-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 13579-1-AP	<b>GenBank Accession Number:</b> BC035578	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 700 µg/ml by Nanodrop and 407 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 8428	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> serine/threonine kinase 24 (STE20 homolog, yeast)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 431 aa, 48 kDa	
<b>Immunogen Catalog Number:</b> AG4483	<b>Observed MW:</b> 50 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> human, rat	

## Background Information

Serine/threonine-protein kinase 24 (STK24), also named MST3, belonging to GCK subfamily of STE20-like kinases, acts on both serine and threonine residues and promotes apoptosis in response to stress stimuli and caspase activation (PubMed: 10644707, PMID:12107159). STK24 and STK25 operate in the same cardiovascular development pathway with programmed cell death 10 (CCM3) (PMID: 20332113). It regulates axon outgrowth in forebrain neurons (PubMed: 17114295).

## Notable Publications

Author	Pubmed ID	Journal	Application
Jiexian Du	35483194	Biomed Pharmacother	
Yadong Li	37181807	Mediators Inflamm	WB

## Storage

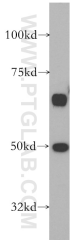
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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

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# Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 13579-1-AP (STK24 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.