

For Research Use Only

STK24 Monoclonal antibody

Catalog Number: 68522-1-Ig



Basic Information

Catalog Number: 68522-1-Ig	GenBank Accession Number: NM_003576	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 8428	CloneNo.: 2B4C1
Source: Mouse	UNIPROT ID: Q9Y6E0	Recommended Dilutions: WB 1:2000-1:10000 IF-P 1:200-1:800
Isotype: IgG1	Full Name: serine/threonine kinase 24 (STE20 homolog, yeast)	
Immunogen Catalog Number: AG31526	Calculated MW: 49KD	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, IF-P, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : A549 cells, LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells
	IF-P : rat brain tissue,

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).

Storage

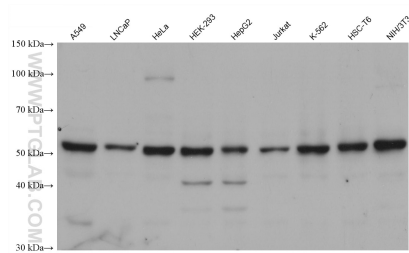
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

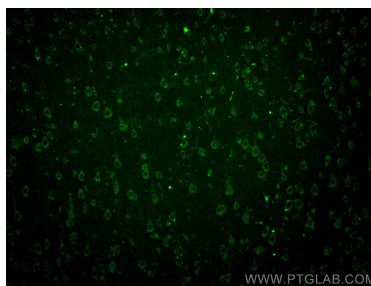
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68522-1-Ig (STK24 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat brain tissue using STK24 antibody (68522-1-Ig, Clone: 2B4C1) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).