

For Research Use Only

STK24 Monoclonal antibody, PBS Only

Catalog Number: 68522-1-PBS



Basic Information

Catalog Number:

68522-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG31526

GenBank Accession Number:

NM_003576

GeneID (NCBI):

8428

UNIPROT ID:

Q9Y6E0

Full Name:

serine/threonine kinase 24 (STE20 homolog, yeast)

Calculated MW:

49KD

Observed MW:

50 kDa

Purification Method:

Protein G purification

CloneNo.:

2B4C1

Applications

Tested Applications:

WB, IF-P, Indirect ELISA

Species Specificity:

human, mouse, 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).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

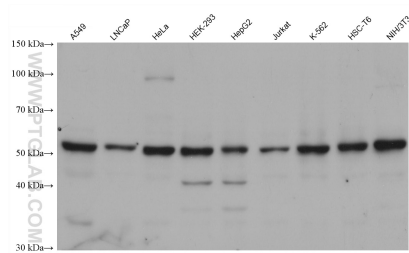
T: 4006900926

E: Proteintech-CN@ptglab.com

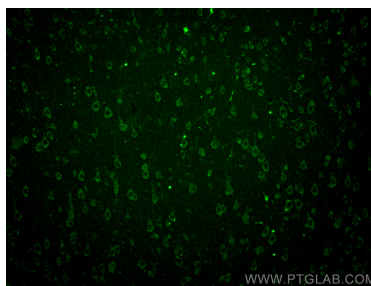
W: ptgcn.com

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Selected Validation Data



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. This data was developed using the same antibody clone with 68522-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 68522-1-PBS in a different storage buffer formulation.