

For Research Use Only

STK24 Polyclonal antibody

Catalog Number: 29846-1-AP



Basic Information

Catalog Number: 29846-1-AP	GenBank Accession Number: NM_003576	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 750 µg/ml by Nanodrop;	GeneID (NCBI): 8428	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:50-1:500
Source: Rabbit	Full Name: serine/threonine kinase 24 (STE20 homolog, yeast)	
Isotype: IgG	Calculated MW: 49KD	
Immunogen Catalog Number: AG31519	Observed MW: 50 kDa	

Applications

Tested Applications:
IHC, WB, ELISA

Species Specificity:
Human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells, mouse lung tissue, HeLa cells, Jurkat cells, rat lung tissue, rat skin tissue, rat spleen tissue

IHC : mouse testis tissue,

Background Information

Serine/threonine-protein kinase 24 (STK24), 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

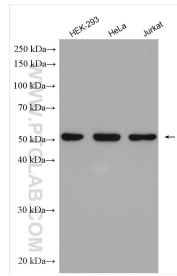
For technical support and original validation data for this product please contact:

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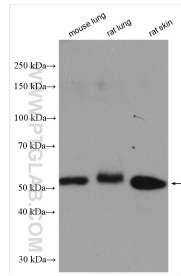
E: proteintech@ptglab.com
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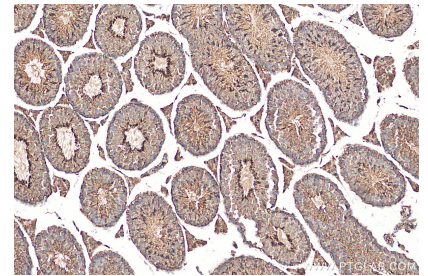
Selected Validation Data



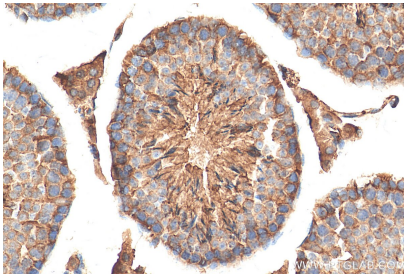
Various lysates were subjected to SDS PAGE followed by western blot with 29846-1-AP (STK24 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



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Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 29846-1-AP (STK24 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 29846-1-AP (STK24 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).