For Research Use Only

STK10 Polyclonal antibody

Catalog Number:25471-1-AP 1 Publications

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Basic Information

Catalog Number:
25471-1-AP

Size:
150ul , Concentration: 800 µg/ml by Nanodrop and 373 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG22169

GenBank Accession Number:
BC070077

GeneID (NCBI):
6793

UNIPROT ID:
O94804

Full Name:
serine/threonine kinase 10

Calculated MW:
968 aa, 112 kDa

Observed MW:
130 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000
IHC 1:50-1:500

Applications

Tested Applications:
WB, IHC, ELISA

Species Specificity:
human

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 : SKOV-3 cells, A549 cells, COLO 320 cells

IHC : human lymphoma tissue,

Background Information

Lymphocyte-oriented kinase deficiency encoded by the serine/threonine kinase 10 (STK10) gene correlates with the intracellular adhesion molecule 1 (ICAM-1)/lymphocyte function associated antigen 1 (LFA-1) complex in aspirin hypersensitivity(PMID:21905501). STK 10 is also named as LOK and expressedas a 130-kDa protein, which was detected predominantly in lymphoid organs such as spleen, thymus, and bone marrow, in contrast to other mammalian members of the STE20 family(PMID:9278426).

Notable Publications

Author	Pubmed ID	Journal	Application
Alyssa C Flint	37406085	Clin Cancer Res	

Storage

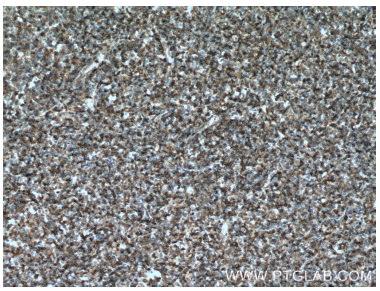
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

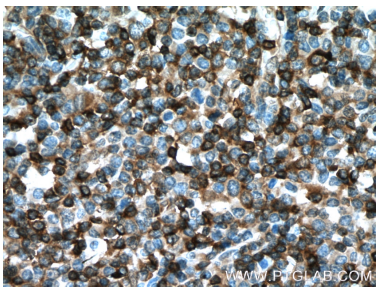
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

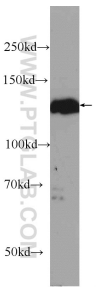
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 25471-1-AP (STK10 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 human lymphoma tissue slide using 25471-1-AP (STK10 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



SKOV-3 cells were subjected to SDS PAGE followed by western blot with 25471-1-AP (STK10 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.