

For Research Use Only

STK17B Polyclonal antibody

Catalog Number: 26600-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number: 26600-1-AP	GenBank Accession Number: BC016040	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9262	Recommended Dilutions: WB 1:500-1:2000 IHC 1:100-1:400
Source: Rabbit	UNIPROT ID: O94768	
Isotype: IgG	Full Name: serine/threonine kinase 17b	
Immunogen Catalog Number: AG24389	Calculated MW: 372 aa, 42 kDa	
	Observed MW: 42 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: IHC	WB : A375 cells, HepG2 cells, K-562 cells
Species Specificity: human	IHC : human lymphoma tissue,
Cited Species: human	

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

Background Information

Serine/threonine kinase 17B (STK17B), also named as DRAK2, whose gene is located on chromosome 2 (2q32.3), was first reported by Sanjo et al. in 1998 (PMID: 9786912). STK17B has been identified as a promising therapeutic target for type 1 diabetes, multiple sclerosis, and graft rejection. There are also some reports demonstrated that STK17B was related to apoptosis in various cell types, such as islet β -cells and acute myeloid leukemia cells. Some researches revealed that STK17B was deregulated in some cancers and have important role in cancer progression (PMID: 29445189). It has an indispensable role in NAFLD/NASH and offer a potential therapeutic target for this disease (PMID: 34614409).

Notable Publications

Author	Pubmed ID	Journal	Application
Yufeng Li	34614409	Cell Metab	IHC

Storage

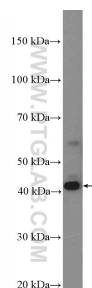
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

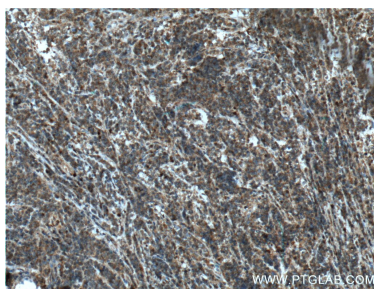
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

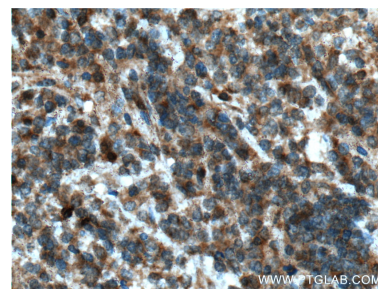
Selected Validation Data



A375 cells were subjected to SDS PAGE followed by western blot with 26600-1-AP (STK17B Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 26600-1-AP (STK17B 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 26600-1-AP (STK17B Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).