

For Research Use Only

# STK17B Polyclonal antibody

Catalog Number: 26600-1-AP

Featured Product

1 Publications



## Basic Information

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

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : A375 cells, HepG2 cells, K-562 cells
<b>Cited Applications:</b> IHC	<b>IHC :</b> human lymphoma tissue,
<b>Species Specificity:</b> human	
<b>Cited Species:</b> 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  $\beta$ -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

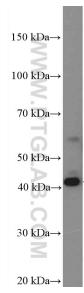
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

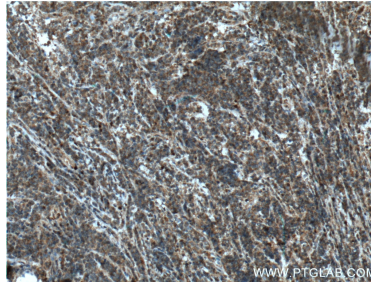
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

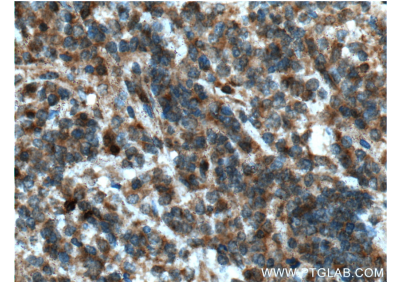
## Selected Validation Data



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).