

For Research Use Only

# STK17B Polyclonal antibody

Catalog Number: 26600-1-AP

Featured Product

1 Publications



## Basic Information

**Catalog Number:**

26600-1-AP

**Size:**

550 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG24389

**GenBank Accession Number:**

BC016040

**GeneID (NCBI):**

9262

**UNIPROT ID:**

O94768

**Full Name:**

serine/threonine kinase 17b

**Calculated MW:**

372 aa, 42 kDa

**Observed MW:**

42 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IHC 1:100-1:400

## Applications

**Tested Applications:**

IHC, WB, ELISA

**Cited Applications:**

IHC

**Species Specificity:**

human

**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**

**Positive Controls:**

WB : A375 cells, HepG2 cells, K-562 cells

IHC : human lymphoma tissue,

## 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

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

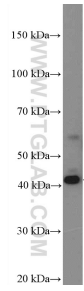
T: 4006900926

E: Proteintech-CN@ptglab.com

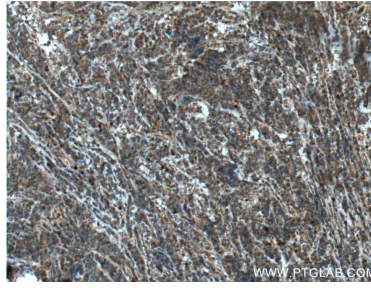
W: ptgcn.com

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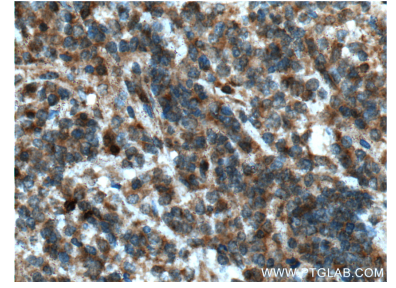
## Selected Validation Data



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).