

For Research Use Only

# TCEB2/Elongin-B Polyclonal antibody



Catalog Number: 10779-1-AP

5 Publications

## Basic Information

**Catalog Number:**

10779-1-AP

**Size:**

450 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1228

**GenBank Accession Number:**

BC013306

**GeneID (NCBI):**

6923

**UNIPROT ID:**

Q15370

**Full Name:**

transcription elongation factor B (SIII), polypeptide 2 (18kDa, elongin B)

**Calculated MW:**

13 kDa

**Observed MW:**

18 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:2000-1:10000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

## Applications

**Tested Applications:**

IHC, IP, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse

**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 : HL-60 cells, mouse skeletal muscle tissue, HEK-293 cells, HeLa cells, K-562 cells

IP : HEK-293 cells,

IHC : human colon cancer tissue,

## Background Information

TCEB2 encodes the protein elongin B, which is a subunit of the transcription factor B (SIII) complex and is also reported to function as an adapter protein in the proteasomal degradation of target proteins via different E3 ubiquitin ligase complexes (PMID: 26531153). TCEB2 has 2 isoforms with the molecular mass of 13 and 18 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Pingzhao Zhang	34743205	Cell Death Differ	WB
Jiaxiang Chen	26296657	Cell Signal	WB
Mingchao Mu	37816999	Cell Death Differ	WB

## 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:

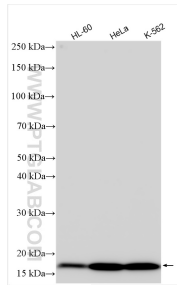
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E: Proteintech-CN@ptglab.com

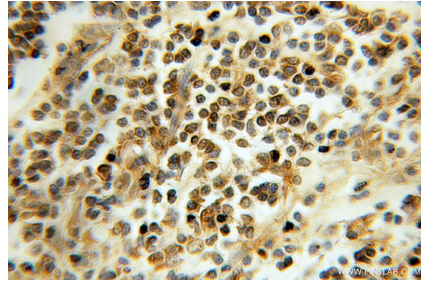
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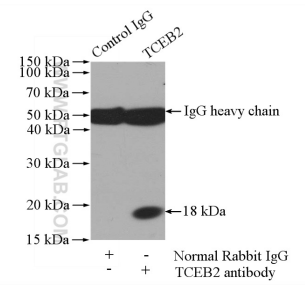
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10779-1-AP (TCEB2/Elongin-B antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 10779-1-AP (TCEB2/Elongin-B antibody) at dilution of 1:100 (under 10x lens).



IP result of anti-TCEB2/Elongin-B (IP:10779-1-AP, 4ug; Detection:10779-1-AP 1:500) with HEK-293 cells lysate 3200ug.