

For Research Use Only

TCEB2/Elongin-B Polyclonal antibody

Catalog Number: 10779-1-AP

6 Publications



Basic Information

Catalog Number:

10779-1-AP

Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 250 ug/ml by Bradford method using BSA as the standard;

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 ug for 1.0-3.0 mg of total protein lysate

IHC: 1:20-1:200

Applications

Tested Applications:

WB, IP, IHC, 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
Magda Wąchalska	38442151	Proc Natl Acad Sci U S A	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

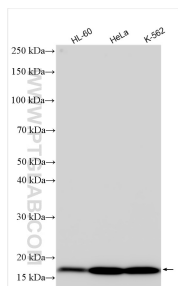
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

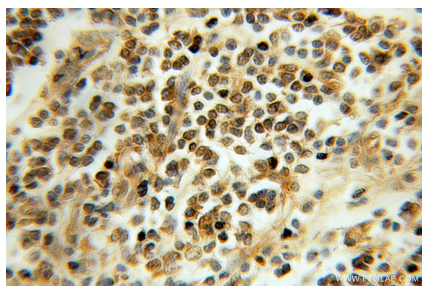
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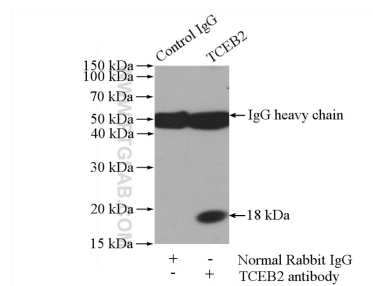
Selected Validation Data



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.