TCEB2 Rabbit pAb

Catalog NO.: A13363

Basic Information

Observed MW
16kDa

Calculated MW
13kDa

Category
Polyclonal Antibodies

Applications
WB, IHC-P, IP, ELISA

Cross-Reactivity
Human

Conjugation
Unconjugated

Background

This gene encodes the protein elongin B, which is a subunit of the transcription factor B (SIII) complex. The SIII complex is composed of elongins A/A2, B and C. It activates elongation by RNA polymerase II by suppressing transient pausing of the polymerase at many sites within transcription units. Elongin A functions as the transcriptionally active component of the SIII complex, whereas elongins B and C are regulatory subunits. Elongin A2 is specifically expressed in the testis, and capable of forming a stable complex with elongins B and C. The von Hippel-Lindau tumor suppressor protein binds to elongins B and C, and thereby inhibits transcription elongation. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. Pseudogenes have been identified on chromosomes 11 and 13.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200

IP
0.5μg-4μg antibody for 200μg-400μg extracts of whole cells

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
6923

Swiss Prot
Q15370

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
SIII; TCEB2

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

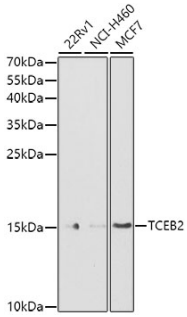
Source
Rabbit

Isotype
IgG

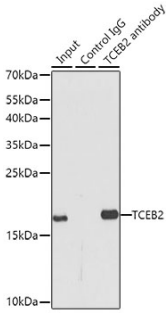
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

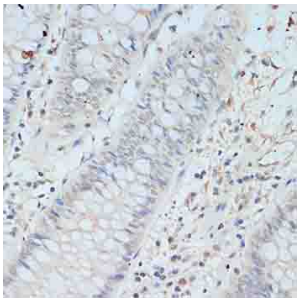
Validation Data

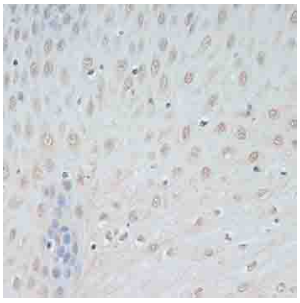


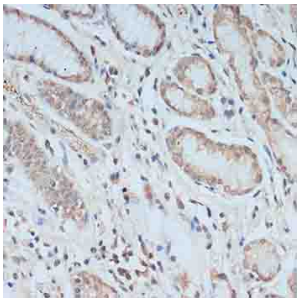
Western blot analysis of various lysates using TCEB2 Rabbit pAb (A13363) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunoprecipitation analysis of 150 µg extracts of MCF7 cells using 3 µg TCEB2 antibody (A13363). Western blot was performed from the immunoprecipitate using TCEB2 antibody (A13363) at a dilution of 1:500.







Immunohistochemistry analysis of paraffin-embedded Human colon using TCEB2 Rabbit pAb (A13363) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Human esophagus using TCEB2 Rabbit pAb (A13363) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Human stomach using TCEB2 Rabbit pAb (A13363) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.