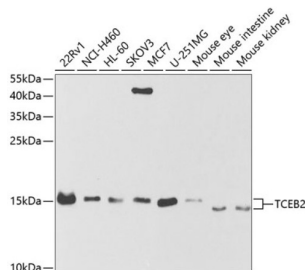
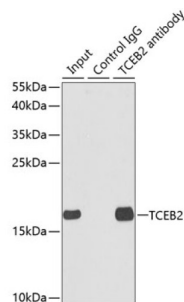


Transcription Elongation Factor B Subunit 2 (TCEB2) Antibody

Catalogue No.: abx004103



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



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

TCEB2 Antibody is a Rabbit Polyclonal antibody against TCEB2. 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.

Target: Transcription Elongation Factor B Subunit 2 (TCEB2)

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB, IP

Host: Rabbit

Recommended dilutions: ELISA: 1 µg/ml, WB: 1/500 - 1/2000, IP: 0.5 µg - 4 µg antibody per 200 µg - 400 µg extracts of whole cells. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-118 of human TCEB2.

Datasheet

Version: 4.0.0
Revision date: 06 Mar 2025



Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q15370 (UniProt , ExPASy)
Gene Symbol:	ELOB
GeneID:	6923
NCBI Accession:	NP_009039.1
KEGG:	hsa:6923
String:	9606.ENSP00000262306
Molecular Weight:	Calculated MW: 13 kDa Observed MW: 18 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.