

TCEB1 Polyclonal antibody

Catalog Number: 12450-1-AP

4 Publications

Basic Information

Catalog Number: 12450-1-AP	GenBank Accession Number: BC013809	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 6921	Recommended Dilutions: WB 1:2000-1:12000 IHC 1:50-1:500 IF 1:200-1:800
Source: Rabbit	Full Name: transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C)	
Isotype: IgG	Calculated MW: 112 aa, 12 kDa	
Immunogen Catalog Number: AG3087	Observed MW: 12 kDa	

Applications

Tested Applications:
IF, IHC, WB, ELISA

Cited Applications:
IHC, WB

Species Specificity:
human, mouse, rat

Cited Species:
human, rat

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 : HeLa cells, MCF-7 cells, mouse testis tissue, rat testis tissue

IHC : human breast cancer tissue, human ovary tumor tissue

IF : HeLa cells,

Background Information

TCEB1, also named as RNA polymerase II transcription factor SIII subunit C, belongs to the SKP1 family. It mediates the ubiquitination of ECS-E3 ubiquitin-protein ligase complexes. TCEB1 is overexpressed in prostate cancer cell line PC-3 and breast cancer cell line SK-BR-3. TCEB1 also promotes invasion of prostate cancer cells (PMID:18844214).

Notable Publications

Author	Pubmed ID	Journal	Application
Chong-Chong Guo	26557149	Evid Based Complement Alternat Med	WB
Pingzhao Zhang	34743205	Cell Death Differ	WB
Magda Wąchalśka	37808699	bioRxiv	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

*** 20ul sizes contain 0.1% BSA

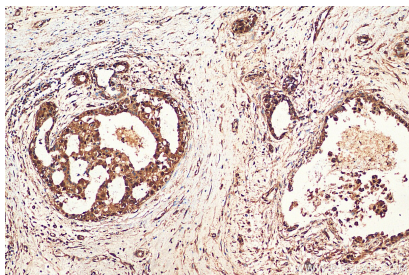
For technical support and original validation data for this product please contact:

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

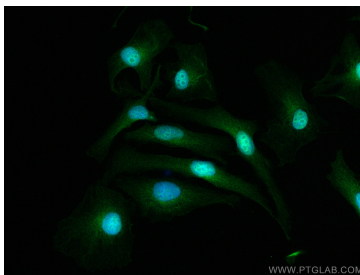
E: proteintech@ptglab.com
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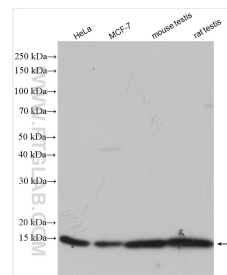
Selected Validation Data



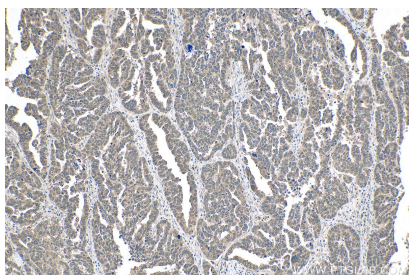
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12450-1-AP (TCEB1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



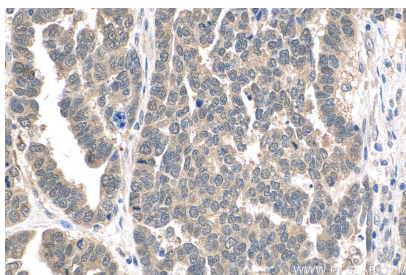
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TCEB1 antibody (12450-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 12450-1-AP (TCEB1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 12450-1-AP (TCEB1 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 ovary tumor tissue slide using 12450-1-AP (TCEB1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).