

## TCEB1 Polyclonal Antibody

Catalog number: 12450-1-AP

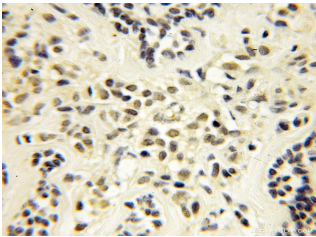
Size: 45 µg/150 µl

Source: Rabbit

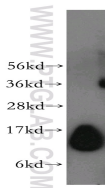
Isotype: IgG

Synonyms:

TCEB1; EloC, Elongin 15 kDa subunit, Elongin C, SIII, SIII p15, TCEB1



Immunohistochemical of paraffin-embedded human breast cancer using 12450-1-AP (TCEB1 antibody) at dilution of 1:50 (under 25x lens)



mouse testis tissue were subjected to SDS PAGE followed by western blot with 12450-1-AP (TCEB1 antibody) at dilution of 1:300

### Background

TCEB1, also named as Elongin 15 kDa subunit or RNA polymerase II transcription factor SIII subunit C, is a 112 amino acid protein, which belongs to the SKP1 family. TCEB1 is overexpressed in prostate cancer cell line PC-3 and breast cancer cell line SK-BR-3. SIII, also known as elongin, is a general transcription elongation factor that increases the RNA polymerase II transcription elongation past template-encoded arresting sites. Subunit A is transcriptionally active and its transcription activity is strongly enhanced by binding to the dimeric complex of the SIII regulatory subunits B and C (elongin BC complex).

### Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated TCEB1 MW:	112aa, 12 kDa
Observed TCEB1 MW:	12 kDa
Positive WB detected in	Mouse testis tissue, HeLa cells
Positive IHC detected in	Human breast cancer tissue
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag3087
GenBank accession number:	BC013809
Gene ID (NCBI):	6921
Full name:	Transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C)

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.