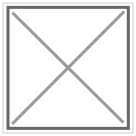
TCEB3 Antibody – Mouse Monoclonal

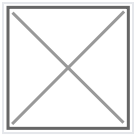
PRODUCT OVERVIEW

Product Name	TCEB3, Monoclonal Antibody
Full Product Name	TCEB3 (Transcription Elongation Factor B Polypeptide 3, Elongin 110kD Subunit, Elongin-A, RNA Polymerase II Transcription Factor SIII Subunit A1, S FLJ42849) (AP)
Product Gene Name	anti-TCEB3 antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1F3
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human TCEB3.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	89,909 Da
OMIM	600786
3D Structure	ModBase 3D Structure for Q14241
Immunogen	Partial recombinant corresponding to aa81-191 from human TCEB3 (NP_003189) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	NAEPDEQDFEKSNSRKRPRDALQKEEEMEGDYQETWKATGSRSYSPDHRQKKHRKLSELERPHKVSHGHERRDERKRCHRMSPTYSSDPESSDYGH
Conjugate	AP
Product Categories/Family for anti-TCEB3 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-TCEB3 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-TCEB3 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-TCEB3 antibody	MBS6134141 is an antibody targeting TCEB3. Also known as TCEB3 (Transcription Elongation Factor B Polypeptide 3, Elongin 110kD Subunit, Elongi II Transcription Factor SIII Subunit A1, SIII p110, FLJ38760, FLJ42849) (AP). Reactive in Human. Host: Mouse.

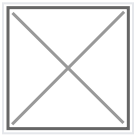
Other Notes	Small volumes of anti-TCEB3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee



Western Blot (WB) of anti-TCEB3 antibody
TCEB3 monoclonal antibody, Western Blot analysis of TCEB3 expression in Hela NE.



Western Blot (WB) of anti-TCEB3 antibody
Western Blot analysis of TCEB3 expression in transfected 293T cell line by TCEB3 monoclonal antibody Lane 1: TCEB3 transfected lysate (87.2kD). Lane 2: Non-transfected lysate.



Immunofluorescence (IF) of anti-TCEB3 antibody
Immunofluorescence of monoclonal antibody to TCEB3 on HeLa cell. [antibody concentration 10ug/ml]

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TCEB3. It may not necessarily be applicable to this product.

NCBI GI #	208022641
NCBI GeneID	6924
NCBI Accession #	NP_003189
UniProt Primary Accession #	Q14241
UniProt Secondary Accession #	Q8IXH1; B2R7Q8
UniProt Related Accession #	Q14241
GenBank Nucleotide #	NM_003198
NCBI Official Full Name	transcription elongation factor B polypeptide 3
NCBI Official Synonym Full Names	transcription elongation factor B (SIII), polypeptide 3 (110kDa, elongin A)
NCBI Official Symbol	TCEB3
NCBI Official Synonym Symbols	EloA; SIII; TCEB3A; SIII p110
UniProt Protein Name	Transcription elongation factor B polypeptide 3
UniProt Synonym Protein Names	Elongin 110 kDa subunit; Elongin-A; EloA; RNA polymerase II transcription factor SIII subunit A1; SIII p110
Protein Family	Transcription elongation factor B polypeptide
UniProt Gene Name	TCEB3
UniProt Synonym Gene Names	EloA
UniProt Entry Name	ELOA1_HUMAN
NCBI Protein Information	transcription elongation factor B polypeptide 3; RNA polymerase II transcription factor SIII subunit A1; elongin 110 kDa subunit; elongin-A; transcription elongation factor B alpha subunit

UniProt Comments for TCEB3	TCEB3: 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). Heterotrimer of an A (A1, A2 or A3), B and C subunit. The C subunit mediates the binding of the elongin BC complex to subunit A. Protein type: Transcription factor; DNA-binding Chromosomal Location of Human Ortholog: 1p36.1 Cellular Component: nucleoplasm; extracellular space; cytoplasm; integral to membrane; nucleus Molecular Function: DNA binding Biological Process: regulation of transcription from RNA polymerase II promoter; transcription from RNA polymerase II promoter; viral reproduction; positive regulation of viral transcription; RNA elongation from RNA polymerase II promoter; gene expression
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