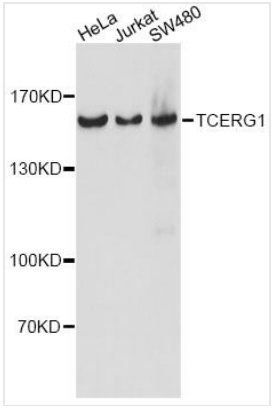
TCERG1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TCERG1, Polyclonal Antibody
Full Product Name	TCERG1 Polyclonal Antibody
Product Gene Name	anti-TCERG1 antibody
Product Synonym Names	CA150; TAF2S; Urn1
Immunogen Sequence	TTRLSMWDRP DDLIGRADVD KIIQEPPHKK GMEELKKLRH PTPTMLSIQK WQFSMSAIKE EQELMEEINE DEPVKAKKRK RDDNKDIDSE KEAAMEAEIK A
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.
Molecular Weight	Calculated: 121kDa; 123kDa Observed: 160kDa
OMIM	AF017789 mRNA
3D Structure	ModBase 3D Structure for O14776
Immunogen	A synthetic peptide of human TCERG1
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Nucleus
Positive Samples	HeLa, Jurkat, SW480
Product Categories/Family for anti-TCERG1 antibody	Polyclonal Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TCERG1 antibody	Western Blot (WB)
Application Notes for anti-TCERG1 antibody	WB: 1:500 - 1:2000
Related Product Information for anti-TCERG1 antibody	This gene encodes a nuclear protein that regulates transcriptional elongation and pre-mRNA splicing. The encoded protein interacts with the hyperphosphorylated C-terminal domain of RNA polymerase II via multiple FF domains, and with the pre-mRNA splicing factor SF1 via a WW domain. Alternative splicing results in multiple transcripts variants encoding different isoforms.
Other Notes	Small volumes of anti-TCERG1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge 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 may apply.

Searchable Terms for TCERG1 purchase	MBS9134842 is an antibody targeting TCERG1. Also known as TCERG1 Polyclonal Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-TCERG1 antibody
Western blot analysis of extracts of various cell lines, using TCERG1 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 5s.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TCERG1. It may not necessarily be applicable to this product.

NCBI GI #	91208418
NCBI GeneID	10915
NCBI Accession #	NP_001035095.1
UniProt Primary Accession #	O14776
UniProt Secondary Accession #	Q2NKN2; Q59EA1
UniProt Related Accession #	O14776
GenBank Nucleotide #	NM_001040006.1
NCBI Official Full Name	transcription elongation regulator 1 isoform 2
NCBI Official Synonym Full Names	transcription elongation regulator 1
NCBI Official Symbol	TCERG1
NCBI Official Synonym Symbols	Urn1; CA150; TAF2S
UniProt Protein Name	Transcription elongation regulator 1
UniProt Synonym Protein Names	TATA box-binding protein-associated factor 2S; Transcription factor CA150
Protein Family	Transcription elongation regulator
UniProt Gene Name	TCERG1
UniProt Synonym Gene Names	CA150; TAF2S
NCBI Protein Information	transcription elongation regulator 1
UniProt Comments for TCERG1	Transcription factor that binds RNA polymerase II and inhibits the elongation of transcripts from target promoters. Regulates transcription elongation in a TATA box-dependent manner. Necessary for TAT-dependent activation of the human immunodeficiency virus type 1 (HIV-1) promoter.
Research Articles on TCERG1	**1.** The QA repeat domain of TCERG1 is required for relocalization of CEBPalpha.

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