

Rabbit anti-Human TCEA1 Polyclonal Antibody | anti-TCEA1 antibody

TCEA1 Antibody (Center)

CATALOG # AAA285688	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

TCEA1; Polyclonal Antibody; TCEA1 Antibody (Center); Transcription elongation factor A protein 1; Transcription elongation factor S-II protein 1; Transcription elongation factor TFIISo; GTF2S; TFIIS; anti-TCEA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TCEA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 98-126 amino acids from the Central region of human TCEA1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	98-126
Sequence Length	301
Applicable Applications for anti-TCEA1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

TCEA1 Antibody (Center) (AAA285688) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TCEA1 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

TCEA1 Antibody (Center) western blot analysis in Hela cell line lysates (35ug/lane). This demonstrates the TCEA1 antibody detected the TCEA1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TCEA1 antibody	Necessary for efficient RNA polymerase II transcription elongation past template-encoded arresting sites. The arresting sites in DNA have the property of trapping a certain fraction of elongating RNA polymerases that pass through, resulting in locked ternary complexes. Cleavage of the nascent transcript by S-II allows the resumption of elongation from the new 3'-terminus.
References	Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Matsuoka, S., et al. Science 316(5828):1160-1166(2007) Olsen, J.V., et al. Cell 127(3):635-648(2006) Olsen, J.V., et al. Cell 127(3):635-648(2006) Asp, J., et al. Genes Chromosomes Cancer 45(9):820-828(2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803191
NCBI GeneID	6917
NCBI Accession #	NP_006747.1; NP_958845.1
NCBI GenBank Nucleotide #	NM_006756.3
UniProt Accession #	P23193; Q15563; Q6FG87; A6NF25; A8K339
Molecular Weight	33970
NCBI Official Full Name	transcription elongation factor A protein 1 isoform 1
NCBI Official Synonym Full Names	transcription elongation factor A (SII), 1
NCBI Official Symbol	TCEA1
NCBI Official Synonym Symbols	SII; TCEA; TF2S; GTF2S; TFIIS
NCBI Protein Information	transcription elongation factor A protein 1
UniProt Protein Name	Transcription elongation factor A protein 1
UniProt Gene Name	TCEA1
UniProt Synonym Gene Names	GTF2S; TFIIS
UniProt Entry Name	TCEA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.