

Rabbit anti-Human TCEAL1 Polyclonal Antibody | anti-TCEAL1 antibody

TCEAL1 Antibody (N-term)

CATALOG # AAA290939	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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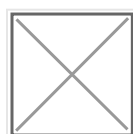
PRODUCT SYNONYMS

TCEAL1; Polyclonal Antibody; TCEAL1 Antibody (N-term); SIIR; Transcription elongation factor A protein-like 1; Nuclear phosphoprotein p21/SIIR; Transcription elongation factor S-II protein-like 1; anti-TCEAL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Ig
Specificity	This TCEAL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human TCEAL1.
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.
Sequence Length	159
Applicable Applications for anti-TCEAL1 antibody	ELISA, WB (Western Blot)
Antigen Source	Human
Antigen Region	1-30
Cellular Location	Nucleus
Tissue Location	Expressed in all tissues examined. Highly expressed in heart, ovary, prostate and skeletal muscle. Moderately expressed in brain, placenta, testis and small intestine. Weakly expressed in lung, liver and spleen. Expressed in several cancer cell lines.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from LNCaP, PC-3, RD, SW620 cell line (from left to right), using TCEAL1 Antibody (N-term). It was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-TCEAL1 antibody	Description: Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab) Background: This gene encodes a member of the transcription elongation factor A (SII)-like (TCEAL) gene family. Members of this family may function as nuclear phosphoproteins that modulate transcription in a promoter context-dependent manner. The encoded protein is similar to transcription elongation factor A/transcription factor SII and contains a zinc finger-like motif as well as a sequence related to the transcription factor SII Pol II-binding region. It may exert its effects via protein-protein interactions with other transcriptional regulators rather than via direct binding of DNA. Multiple family members are located on the X chromosome. Alternative splicing results in multiple transcript variants encoding a single isoform.
References	Chung, C.J., et al. Toxicol. Appl. Pharmacol. 232(2):203-209(2008). Olsen, J.V., et al. Cell 127(3):635-648(2006). Lee, Y.L., et al. J. Lab. Clin. Med. 147(5):228-233(2006). Santos, A.M., et al. Eur. J. Cancer 42(7):958-963(2006). Santos, A.M., et al. Biochem. Biophys. Res. Commun. 340(1):256-262(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	55749406
NCBI GeneID	9338
NCBI Accession #	NP_001006640.1; NP_001006641.1; NP_004771.2
NCBI GenBank Nucleotide #	NP_001006640.1
UniProt Accession #	Q15170
Molecular Weight	Calculated MW: H = 18 kDa
NCBI Official Full Name	transcription elongation factor A protein-like 1
NCBI Official Synonym Full Names	transcription elongation factor A like 1
NCBI Official Symbol	TCEAL1
NCBI Official Synonym Symbols	p21; SIIR; WEX9; pp21
NCBI Protein Information	transcription elongation factor A protein-like 1
UniProt Protein Name	Transcription elongation factor A protein-like 1
UniProt Gene Name	TCEAL1
UniProt Synonym Gene Names	SIIR; TCEA-like protein 1
UniProt Entry Name	TCAL1_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.