

Datasheet for ABIN2780804
anti-TCEA1 antibody (N-Term)



[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	TCEA1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Guinea Pig, Rabbit, Cow, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCEA1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TCEA1
Sequence:	MEDEVVRFK KMDKMQKKN AAGALDLLKE LKNIPMTLEL LQSTRIGMSV
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against TCEA1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	TCEA1
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Target Details

Alternative Name: TCEA1 ([TCEA1 Products](#))

Background: TCEA1 is necessary for efficient RNA polymerase II transcription elongation past template-encoded arresting sites. TCEA1 has a role in suppression of transient pausing, which is the most important contribution of TCEA1 to elongation from a stall position. TCEA1 fuse to PLAG1 protein which is overexpressed in epithelial, myoepithelial, and mesenchymal-like tumor cells in tumors.

Alias Symbols: SII, TCEA, TF2S, GTF2S, TFIIS

Protein Interaction Partner: UBC, SORD, PGD, LDHA, CSE1L, BCCIP, CHORDC1, TBP, MCM5, MCM3, MCM2, GTF2H1, GTF2F1, GTF2E1, GTF2B, CDK8, MED26, POLR2C, NAA16, RBM25, SF3B2, UBAC1, POLR2A, APP, PAF1, UBR5, CDK9, LEO1, WDR61, CDC73, RTF1, CTR9, POLR2B, DDX5, INTS1, SF3B3, SNRNP200, SF3A1,

Protein Size: 301

Molecular Weight: 34 kDa

Gene ID: 6917

NCBI Accession: [NM_006756](#), [NP_006747](#)

UniProt: [P23193](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 301 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

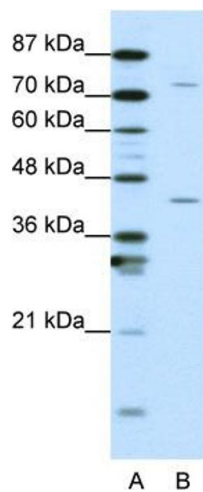
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Hayashi, Gekka, Goto-Omoto, Takeuchi, Kubo, Kitahara: "Novel NR2E3 mutations (R104Q, R334G) associated with a mild form of enhanced S-cone syndrome demonstrate compound heterozygosity." in: **Ophthalmology**, Vol. 112, Issue 12, pp. 2115, (2005) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-TCEA1 Antibody Titration: 1.25ug/ml ELISA Titer: 1:1562500 Positive Control: K562 cell lysate