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Datasheet for ABIN2780487

anti-TCF12 antibody (N-Term)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	TCF12
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Guinea Pig, Dog, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TCF12 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 TCF12
Sequence:	IGTDKELSDL LDFSAMFSPV VNSGKTRPTT LGSSQFSGSG IDERGGTTSW
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 82%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against TCF12. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TCF12
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Target Details

Alternative Name:	TCF12 (TCF12 Products)
Background:	<p>TCF12 encodes a protein that is a member of the basic helix-loop-helix (bHLH) E-protein family which recognizes the consensus binding site (E-box) CANNTG. This encoded protein is expressed in many tissues, among them skeletal muscle, thymus, B- and T-cell</p> <p>Alias Symbols: HEB, HTF4, HsT17266, bHLHb20</p> <p>Protein Interaction Partner: TSNAX, STAT5A, SRI, RNASEL, QARS, PSMA1, MLLT6, ID3, CDKN2C, TRIM72, LYSMD1, C6orf165, HEXIM2, ASCL4, MORN4, TWIST2, C16orf45, HOPX, NAGK, C1orf109, SPG21, VPS28, NEUROG3, OSGIN1, CRCP, EDRF1, ARMC8, MAPKBP1, STK16, DGCR6, UBC, TCF21, SOX2, ID2, BMF, MYC,</p> <p>Protein Size: 682</p>
Molecular Weight:	73 kDa
Gene ID:	6938
NCBI Accession:	NM_003205 , NP_003196
UniProt:	Q99081
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 682 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

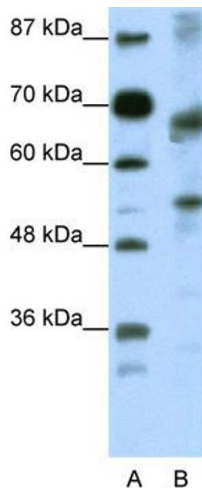
Storage: -20 °C

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

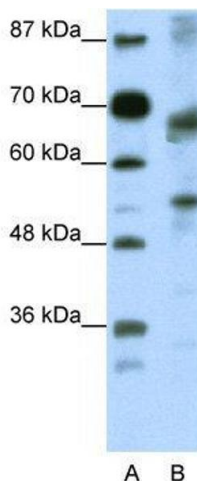
Product cited in: Spellman, Ahmed, Dubach, Gardiner: "Expression of trisomic proteins in Down syndrome model systems." in: **Gene**, Vol. 512, Issue 2, pp. 219-25, (2012) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-TCF12 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate TCF12 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells



Western Blotting

Image 2. WB Suggested Anti-TCF12 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500 Positive Control: Jurkat cell lysate TCF12 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells