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Datasheet for ABIN2780354

anti-BTF3 antibody (Middle Region)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	BTF3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Cow, Guinea Pig, Horse, Rabbit, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTF3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human BTF3
Sequence:	DSLTLRRLA EALPKQSVGDG KAPLATGEDD DDEVPLVEN FDEASKNEAN
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 92%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against BTF3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	BTF3
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Target Details

Alternative Name: [BTF3 \(BTF3 Products\)](#)

Background: BTF3 forms a stable complex with RNA polymerase IIB and is required for transcriptional initiation. Alternative splicing results in multiple transcript variants encoding different isoforms. This gene has multiple pseudogenes.

Alias Symbols: NACB, BTF3a, BTF3b, BETA-NAC

Protein Interaction Partner: TXLNA, TXLNB, NACA, UBC, PDCD4, PPP2R1A, gag-pol, ESR1, CTNNB1, NACA2, RWDD4, PDRG1, RPL29, RPL11, APP, H2AFX, USP17L9P, POLR2B, MED21, CSNK2B,

Protein Size: 206

Molecular Weight: 23 kDa

Gene ID: 689

NCBI Accession: [NM_001037637](#), [NP_001032726](#)

UniProt: [P20290](#)

Application Details

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

Comment: Antigen size: 206 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.

Storage: -20 °C

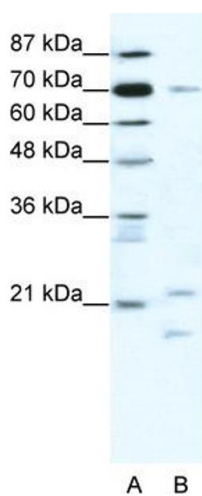
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Renaud, Chakraborty, Mason, Rumi, Vivian, Soares: "OVO-like 1 regulates progenitor cell fate in human trophoblast development." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 112, Issue 45, pp. E6175-84, (2015) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-BTF3 Antibody Titration: 1.25ug/ml ELISA Titer: 1:312500 Positive Control: Jurkat cell lysate BTF3 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells