



Datasheet for ABIN2785998
anti-ITGB3BP antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ITGB3BP
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITGB3BP 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 ITGB3BP
Sequence:	TGTCQMSLFA SPTSSEEQKH RNGLSNEKRK KLNHPSLTES KESTTKDNDE
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against ITGB3BP. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	ITGB3BP
---------	---------

Target Details

Alternative Name: [ITGB3BP \(ITGB3BP Products\)](#)

Background: ITGB3BP is a transcription coregulator that can have both coactivator and corepressor functions. Isoform 1, but not other isoforms, is involved in the coactivation of nuclear receptors for retinoid X (RXRs) and thyroid hormone (TRs) in a ligand-dependent fashion. ITGB3BP acts as a transcriptional corepressor via its interaction with the NFKB1 NF-kappa-B subunit, possibly by interfering with the transactivation domain of NFKB1. It induces apoptosis in breast cancer cells, but not in other cancer cells, via a caspase-2 mediated pathway that involves mitochondrial membrane permeabilization but does not require other caspases. ITGB3BP may also act as an inhibitor of cyclin A-associated kinase. ITGB3BP may be involved in incorporation of newly synthesized CENPA into centromeres via its interaction with the CENPA-NAC complex.

Alias Symbols: CENP-R, CENPR, HSU37139, NRIF3, TAP20

Protein Interaction Partner: PIH1D2, UBR7, ARFIP2, COL4A3BP, KIFC3, KDM1A, UBC, APP, CENPP, CENPO, SVIL, MAPK6, ACTN2, MTA1, ITGB3BP, DDX24, RECQL5, RXRA, ITGB3, NFKB1, ITGB5, ESR1, CCNA2, THRA, RELA, RXRG,

Protein Size: 177

Molecular Weight: 20 kDa

Gene ID: 23421

NCBI Accession: [NM_014288](#), [NP_055103](#)

UniProt: [Q13352](#)

Pathways: [Neurotrophin Signaling Pathway](#)

Application Details

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

Comment: Antigen size: 177 AA

Restrictions: For Research Use only

Handling

Format: Liquid

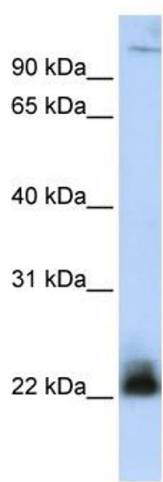
Concentration: Lot specific

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

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-ITGB3BP Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: MCF7 cell lysate