

Product datasheet for **TA334507**

ITGB3BP Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ITGB3BP antibody: synthetic peptide directed towards the N terminal of human ITGB3BP. Synthetic peptide located within the following region: TGTCQMSLFASPTSSEEQKHRNGLSNEKRKRLNHPSTLESKESTTKDNDE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	20 kDa
Gene Name:	integrin subunit beta 3 binding protein
Database Link:	NP_055103 Entrez Gene 23421 Human Q13352



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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.

Synonyms:

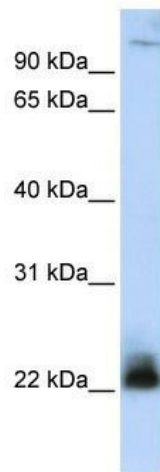
CENP-R; CENPR; HSU37139; NRIF3; TAP20

Note:

Immunogen Sequence Homology: Human: 100%

Protein Families:

Druggable Genome, Stem cell - Pluripotency, Transcription Factors

Product images:

WB Suggested Anti-ITGB3BP Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive
Control: MCF7 cell lysate