

Product datasheet

Anti-ITGB3BP antibody ab182773

[1 References](#) [1 Image](#)

Overview

Product name	Anti-ITGB3BP antibody
Description	Rabbit polyclonal to ITGB3BP
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein corresponding to Human ITGB3BP aa 1 to the C-terminus. Database link: BC014385 Run BLAST with Run BLAST with
Positive control	231 cell lysate.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.4 Preservative: 0.05% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 49% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab182773 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/200 - 1/1000. Predicted molecular weight: 20 kDa.

Target

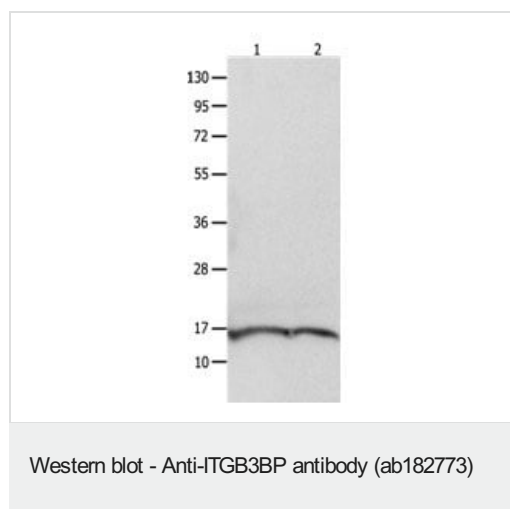
Relevance

ITGB3BP is a transcriptional coregulator that has 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 also acts as a transcriptional corepressor via its interaction with the NFKB1 NF-kappa-B subunit. ITGB3BP induces apoptosis in breast cancer cells, but not in other cancer cells, via a caspase-2 mediated pathway that involves mitochondrial membrane permeabilization. It also acts as a component of the CENPH-CENPI centromeric complex, a complex recruited to centromeres which is involved in assembly of kinetochore proteins, mitotic progression and chromosome segregation.

Cellular localization

Isoform 1: Nucleus. Isoform 2: Nucleus. Isoform 3: Nucleus. Cytoplasm. Isoform 4: Cytoplasm. Note=Localizes in the centromeres. Isoform 3 is predominantly nuclear and weakly cytoplasmic.

Images



All lanes : Anti-ITGB3BP antibody (ab182773) at 1/300 dilution

All lanes : 231 cell lysate

Lysates/proteins at 50 µg per lane.

Secondary

All lanes : Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution

Predicted band size: 20 kDa

Gel: 15%+12%+10% SDS-PAGE

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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