

Rabbit anti-Human BTC Polyclonal Antibody | anti-BTC antibody

BTC Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284967	Rabbit	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

BTC; Polyclonal Antibody; BTC Antibody (N-term); Probetacellulin; Betacellulin; anti-BTC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This BTC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-45 amino acids from the N-terminal region of human BTC.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	17-45
Sequence Length	178
Applicable Applications for anti-BTC antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

BTC Antibody (N-term) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IF (Immunofluorescence)

Confocal immunofluorescent analysis of BTC Antibody (N-term) with MDA-MB231 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)

BTC Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of BTC Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

BTC Antibody (N-term) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the BTC antibody detected the BTC protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-BTC antibody	The protein encoded by this gene is a member of the EGF family of growth factors. It is synthesized primarily as a transmembrane precursor, which is then processed to mature molecule by proteolytic events. This protein is a ligand for the EGF receptor.
Product Categories/Family for anti-BTC antibody	Cancer; Signal Transduction
References	Stoeck, A., et al. J. Cell. Sci. 123 (PT 13), 2319-2331 (2010) : Genetos, D.C., et al. Cell Tissue Res. 340(1):81-89(2010) Nagaoka, T., et al. J. Mol. Biol. 380(1):83-94(2008) Revillion, F., et al. Ann. Oncol. 19(1):73-80(2008) Moss, M.L., et al. J. Biol. Chem. 282(49):35712-35721(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502461
NCBI GeneID	685
NCBI Accession #	NP_001720.1
NCBI GenBank Nucleotide #	NM_001729.2
UniProt Accession #	P35070; Q96F48
Molecular Weight	19746
NCBI Official Full Name	probetacellulin
NCBI Official Synonym Full Names	betacellulin
NCBI Official Symbol	BTC
NCBI Protein Information	probetacellulin
UniProt Protein Name	Probetacellulin
UniProt Gene Name	BTC
UniProt Synonym Gene Names	BTC
UniProt Entry Name	BTC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/btc-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/284967>