

Product datasheet for **AP01152BT-S**

Betacellulin (BTC) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	ELISA: Direct: To detect hBetacellulin (using 100 µl/well antibody solution) a concentration of 0.25 - 1.0 µg/ml of this antibody is required. In conjunction with compatible secondary reagents, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant hBetacellulin. Sandwich: To detect hBetacellulin (using 100 µl/well antibody solution) a concentration of 0.25 - 1.0 µg/ml of this antibody is required. In conjunction with Polyclonal Anti-Human Betacellulin as a capture antibody, it allows the detection of at least 0.2 - 0.4 ng/well of recombinant hBetacellulin. Western blot: To detect hBetacellulin this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hBetacellulin is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (> 98 %) recombinant human Betacellulin
Specificity:	This antibody detects Betacellulin.
Formulation:	PBS, pH 7.2 Label: Biotin State: Sterile filtered lyophilized Ig fraction
Reconstitution Method:	Centrifuge vial prior to opening. Restore in sterile PBS containing 0.1 % BSA to a concentration of 0.1 - 1.0 mg/ml.
Purification:	Affinity chromatography
Conjugation:	Biotin
Storage:	Store the lyophilized antibody at -20 °C. Following reconstitution it is stable for two weeks at 2 - 8 °C. Frozen aliquots are stable for 6 months when stored at -20 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.



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Gene Name: betacellulin

Database Link: [Entrez Gene 685 Human P35070](#)

Background: Betacellulin is a member of the mammalian members 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 encoded protein is a ligand for the EGF receptor. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.

Synonyms: Probetacellulin, BTC