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BTC Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP7290c

Specification

BTC Antibody (Center) Blocking Peptide - Product Information

Primary Accession	P35070
Other Accession	Q96F48

BTC Antibody (Center) Blocking Peptide - Additional Information

Gene ID 685

Other Names
Probetacellulin, Betacellulin, BTC, BTC

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7290c was selected from the Center region of human BTC. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

BTC Antibody (Center) Blocking Peptide - Protein Information

Name BTC

Function
Growth factor that binds to EGFR, ERBB4 and other EGF receptor family members. Potent mitogen for retinal pigment epithelial cells and vascular smooth muscle cells.

Cellular Location
[Betacellulin]: Secreted, extracellular space.

Tissue Location
Synthesized in several tissues and tumor cells. Predominantly expressed in pancreas and small intestine

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BTC Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

BTC Antibody (Center) Blocking Peptide - Images

BTC Antibody (Center) Blocking Peptide - Background

Betacellulin (BTC) 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. It is a ligand for the EGF receptor.

BTC Antibody (Center) Blocking Peptide - References

Sasada R.,Biochem. Biophys. Res. Commun. 190:1173-1179(1993).Seno,M., Growth Factors 13 (3-4), 181-191 (1996)Pathak,B.G., Genomics 28 (1), 116-118 (1995)