

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

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**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](/product/products/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

## **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)