

BTC Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11669a**Specification**

BTC Antibody (N-term) Blocking peptide - Product Information

Primary Accession [P35070](#)

BTC Antibody (N-term) Blocking peptide - Additional Information

Gene ID 685

Other Names

Probetacellulin, Betacellulin, BTC, BTC

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 (N-term) 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 (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

BTC Antibody (N-term) Blocking peptide - Images

BTC Antibody (N-term) Blocking peptide - Background

This gene encodes a protein which induces ectopic boneformation in conjunction with transforming growth factor beta. This protein is a small proteoglycan which contains tandem leucine-rich repeats (LRR). Alternatively spliced transcript variants that encode the same protein have been found for this gene. [provided by RefSeq].

BTC Antibody (N-term) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Dimasi, D.P., et al. Mol. Vis. 16, 562-569 (2010) :Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)