

A2588

Leader in Biomolecular Solutions for Life Science



BTC Rabbit pAb

Catalog No.: A2588

Basic Information

Observed MW

20kDa

Calculated MW

20kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a member of the epidermal growth factor (EGF) family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the secreted growth factor. A secreted form and a membrane-anchored form of this protein bind to multiple different EGF receptors. This protein promotes pancreatic cell proliferation and insulin secretion, as well as retinal vascular permeability. Mutations in this gene may be associated with type 2 diabetes in human patients.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

685

Swiss Prot

P35070

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 32-178 of human BTC (NP_001720.1).

Synonyms

BTC

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

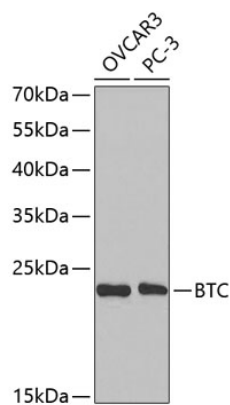
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using BTC antibody (A2588) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.