

For Research Use Only

BTC Polyclonal antibody

Catalog Number: 10870-1-AP

1 Publications



Basic Information

Catalog Number:

10870-1-AP

Concentration:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1297

GenBank Accession Number:

BC011618

GeneID (NCBI):

685

UNIPROT ID:

P35070

Full Name:

betacellulin

Calculated MW:

20 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

IF

Species Specificity:

human

Cited Species:

human

Background Information

Betacellulin (BTC), a member of the epidermal growth factor (EGF) family, binds and activates ErbB1 and ErbB4 homodimers. BTC is synthesized primarily as a transmembrane precursor, which is then processed to mature molecule by proteolytic events. This protein is a ligand for the EGF receptor. BTC was expressed in tumors and involved in tumor growth progression.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-------------|-----------|--------------------|-------------|
| Seyong Kwon | 24599518 | Integr Biol (Camb) | IF |

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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