

For Research Use Only

BTC Polyclonal antibody

Catalog Number: 10870-1-AP

1 Publications



Basic Information

Catalog Number:

10870-1-AP

Size:

150ul, Concentration: 547 µg/ml by Bradford method using BSA as the standard;

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

*** 20ul sizes contain 0.1% BSA

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

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