

For Research Use Only

# BTC Polyclonal antibody

Catalog Number: 10870-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 10870-1-AP	<b>GenBank Accession Number:</b> BC011618	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 547 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 685	
<b>Source:</b> Rabbit	<b>Full Name:</b> betacellulin	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 20 kDa	
<b>Immunogen Catalog Number:</b> AG1297		

## 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:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data