

## Probetacellulin Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP07405
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from Probetacellulin . at AA range: 60-140
<b>Mol wt</b>	19746
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Probetacellulin Antibody
<b>Synonyms</b>	BTC; Probetacellulin

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

BTC 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 betacellulin bind to multiple different EGF receptors. Betacellulin promotes pancreatic cell proliferation and insulin secretion, as well as retinal vascular permeability. Mutations in BTC may be associated with type 2 diabetes in human patients.

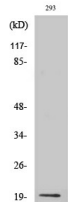
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

### Images



Western Blot analysis of various cells using Probetacellulin Polyclonal Antibody diluted at 1:1000

### Storage

-20°C for one year