



# Probetacellulin rabbit pAb

Cat No.:ES4369

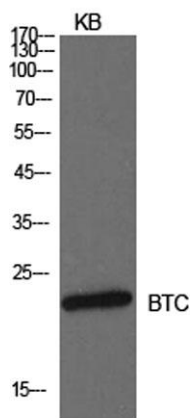
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## Overview

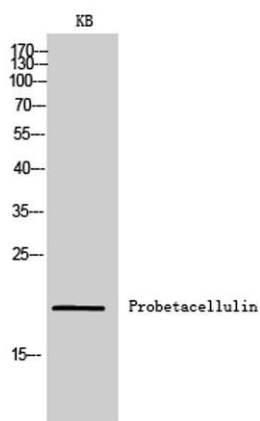
Product Name	Probetacellulin rabbit pAb
Host species	Rabbit
Applications	WB;ELISA;IHC
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human BTC. AA range:21-70
Specificity	Probetacellulin Polyclonal Antibody detects endogenous levels of Probetacellulin protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Probetacellulin
Gene Name	BTC
Cellular localization	[Betacellulin]: Secreted, extracellular space.; [Probetacellulin]: Cell membrane; Single-pass type I membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	20kD
Human Gene ID	685
Human Swiss-Prot Number	P35070
Alternative Names	BTC; Probetacellulin
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



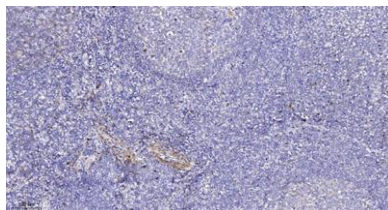
membrane-anchored form of this protein bind to multiple different EGF receptors. This protein promotes pancreatic cell proliferation and insulin secretion, as well as retinal vascular permeability. Mutations in this gene may be associated with type 2 diabetes in human patients. [provided by RefSeq, Nov 2015],



Western Blot analysis of KB cells using Probetacellulin Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



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Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

