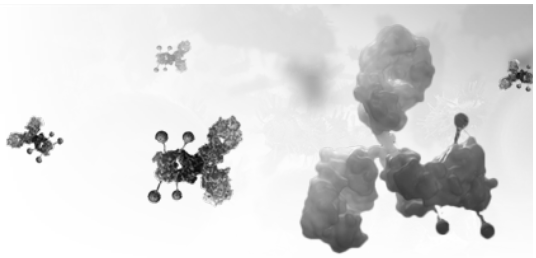

Anti-BTC polyclonal antibody [Biotin] (DPABY-484)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Betacellulin (BTC) is a member of the EGF family of cytokines that also includes EGF, TGF-a, Amphiregulin, HB-EGF, Epiregulin, Tomoregulin and the Neuregulins. At the amino acid sequence level, human mature BTC protein exhibits 80% identity with mouse BTC protein. BTC is expressed in most tissues including kidney, uterus, liver and pancreas. It is also present in body fluids, including serum, milk, and colostrum.
Specificity	Detects human Betacellulin in ELISAs and Western blots. In Western blots,less than 1%cross-reactivity with recombinant human (rh) HB-EGF, rhEGF, rhTGF-alpha, rhHRG-alpha, and rhAmphiregulin is observed.
Immunogen	E. coli-derived recombinant human Betacellulin . Asp32-Tyr111 Accession Number P35070
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None

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Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	BTC betacellulin [Homo sapiens (human)]
Official Symbol	BTC
Synonyms	BTC; betacellulin; probetacellulin;
Entrez Gene ID	685
Protein Refseq	NP_001720
UniProt ID	P35070
Chromosome Location	4q13.3
Pathway	Adaptive Immune System; Constitutive PI3K/AKT Signaling in Cancer; DAP12 interactions; DAP12 signaling; Disease; Downstream signal transduction; Downstream signaling events of B Cell Receptor (BCR); Downstream signaling of activated FGFR;
Function	epidermal growth factor receptor binding; growth factor activity; protein binding;

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