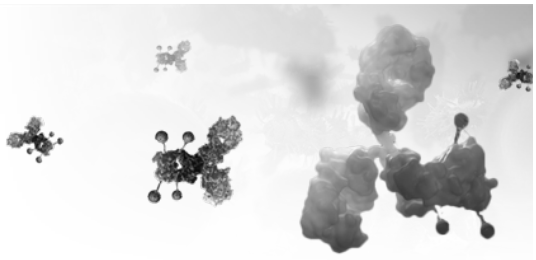

Anti-ADAM10 (C-terminal) polyclonal antibody (CPBT-65959RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit anti Human CD156c antibody recognizes human CD156c, otherwise known as ADAM10. CD156c is an 84.1 kDa single-pass type I cell membrane protein, which is localized to the plasma membrane but predominantly expressed by the Golgi apparatus. CD156c is an endopeptidase which has a role in metalloprotease activity and cell-cell matrix interaction. It is responsible for the proteolytic release of several other cell-surface proteins, including TNFα, heparin binding epidermal growth-like factor, ephrin-A2 and CD171. CD156c is also involved in the constitutive and regulated α-secretase cleavage of amyloid precursor protein (APP) and contributes to the normal cleavage of the cellular prion protein. CD156c is broadly expressed in range of cells and tissues including leucocytes, tumour cells, articular chondrocyes, and in tissue of the spleen, lymph node, thymus, bone marrow, brain and cartilage.
Specificity	ADAM10
Immunogen	Synthetic Peptide corresponding to a region near the C-terminus of human CD156c.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Bovine, Mouse, Rat
Conjugate	Unconjugated
Applications	IF; IHC-P; WB
Format	Purified IgG - liquid
Size	50 µg
Preservative	0.01% Sodium Azide

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Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	ADAM10 ADAM metallopeptidase domain 10 [Homo sapiens (human)]
Official Symbol	ADAM10
Synonyms	ADAM10; ADAM metallopeptidase domain 10; RAK; kuz; AD10; AD18; MADM; CD156c; HsT18717; disintegrin and metalloproteinase domain-containing protein 10; CDw156; kuzbanian protein homolog; mammalian disintegrin-metalloprotease; a disintegrin and metalloprote
Entrez Gene ID	102
Protein Refseq	NP_001101
UniProt ID	O14672
Chromosome Location	15q22
Pathway	Activated NOTCH1 Transmits Signal to the Nucleus; Alzheimers disease; Alzheimers Disease; Axon guidance; Collagen degradation; Constitutive Signaling by NOTCH1 HD Domain Mutants; Constitutive Signaling by NOTCH1 HD+PEST Domain Mutants; Constitutive Signaling by NOTCH1 PEST Domain Mutants;
Function	SH3 domain binding; endopeptidase activity; integrin binding; metalloendopeptidase activity; metallopeptidase activity; protein binding; protein homodimerization activity; protein kinase binding; receptor binding; zinc ion binding;

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