



# Anti-ADAM33 (C-terminal) polyclonal antibody (CPBT-26980RH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit Polyclonal antibody to Human ADAM33.
<b>Antigen Description</b>	This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. This protein is a type I transmembrane protein implicated in asthma and bronchial hyperresponsiveness. Alternative splicing of this gene results in two transcript variants encoding different isoforms.
<b>Specificity</b>	Expressed in all tissues, except liver, with high expression in placenta, lung, spleen and veins.
<b>Immunogen</b>	Synthetic N terminal peptide from Human ADAM33. ( Immunogen available as <a href="#">DAG-P0108</a> )
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Sequence Similarities</b>	Contains 1 disintegrin domain.Contains 1 EGF-like domain.Contains 1 peptidase M12B domain.
<b>Cellular Localization</b>	Membrane.

<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	Preservative: 0.05% Sodium Azide Constituents: 50% Glycerol
<b>Preservative</b>	0.05% Sodium Azide
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ADAM33 ADAM metallopeptidase domain 33 [ Homo sapiens ]</a>
<b>Official Symbol</b>	ADAM33
<b>Synonyms</b>	ADAM33; ADAM metallopeptidase domain 33; a disintegrin and metalloproteinase domain 33 , C20orf153,chromosome 20 open reading frame 153; disintegrin and metalloproteinase domain-containing protein 33; dJ964F7.1; DKFZp434K0521; A disintegrin and metalloproteinase domain 33; ADA33_HUMAN; ADAM 33; ADAM33; Disintegrin and metalloproteinase domain-containing protein 33; DJ964F7.1; DKFZp434K0521; FLJ35308; FLJ36751; Metalloprotease disintegrin; MGC71889; PRO1891; UNQ873; ADAM 33; a disintegrin and metalloprotease 33; a disintegrin and metalloproteinase domain 33; disintegrin and reprolysin metalloproteinase family protein; C20orf153; DJ964F7.1;
<b>Entrez Gene ID</b>	<a href="#">80332</a>
<b>Protein Refseq</b>	<a href="#">NP_079496</a>
<b>UniProt ID</b>	<a href="#">A2A2L3</a>
<b>Chromosome Location</b>	20p13
<b>Function</b>	metal ion binding; metalloendopeptidase activity; metalloendopeptidase activity; peptidase activity; zinc ion binding; zinc ion binding;