

ADA33 Polyclonal Antibody

Catalog No :	YN0410
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	ADA33
Gene Name :	ADAM33 C20orf153 UNQ873/PRO1891
Protein Name :	Disintegrin and metalloproteinase domain-containing protein 33 (ADAM 33) (EC 3.4.24.-)
Human Gene Id :	80332
Human Swiss Prot No :	Q9BZ11
Mouse Swiss Prot No :	Q923W9
Immunogen :	Synthesized peptide derived from human protein . at AA range: 200-280
Specificity :	ADA33 Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	89kD

Background :	ADAM metallopeptidase domain 33(ADAM33) Homo sapiens 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 results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2013],
Function :	cofactor: Binds 1 zinc ion per subunit., disease: Defects in ADAM33 may be a cause of susceptibility to asthma., domain: The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme., PTM: The precursor is cleaved by a furin endopeptidase., similarity: Contains 1 disintegrin domain., similarity: Contains 1 EGF-like domain., similarity: Contains 1 peptidase M12B domain., tissue specificity: Expressed in all tissues, except liver, with high expression in placenta, lung, spleen and veins.,
Subcellular Location :	Membrane; Single-pass type I membrane protein.
Expression :	Expressed in all tissues, except liver, with high expression in placenta, lung, spleen and veins.
Sort :	17832
No4 :	1

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