

Product datasheet for **TA339550**

ADAM33 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ADAM33 antibody: synthetic peptide directed towards the middle region of human ADAM33. Synthetic peptide located within the following region: HDSAQLLTGRAFGATVGLAPVEGMCRAESSGGVSTDHSELPIGAAATMA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	62 kDa
Gene Name:	ADAM metallopeptidase domain 33
Database Link:	NP_079496 Entrez Gene 80332 Human Q9BZ11



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Background:

ADAM33 is 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. ADAM33 is a type I transmembrane protein implicated in asthma and bronchial hyperresponsiveness. 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.

Synonyms:

C20orf153; DJ964F7.1

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Guinea pig: 93%; Bovine: 92%

Protein Families:

Druggable Genome, Protease, Transmembrane

Product images:

WB Suggested Anti-ADAM33 Antibody Titration:
0.2-1 ug/ml; Positive Control: HeLa cell lysate