

Product Datasheet

ADAM33 Antibody NB100-1787

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-1787**ADAM33 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

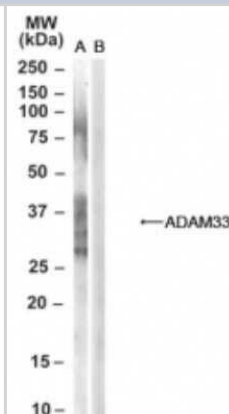
Product Description	
Host	Goat
Gene ID	80332
Gene Symbol	ADAM33
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise isoform alpha (NP_079496.1) and not isoform beta (NP_694882.1).
Immunogen	Peptide with sequence CQSRRCRKNAFQEL corresponding to internal region according to NP_079496.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/ml, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Experiments gave bands at approx. 80-90 kDa band and strong ladder from 26 to 38 kDa band in human prostate lysates after 0.3ug/ml antibody staining. The observation of multiple bands and the 38 kDa band correspond to earlier findings in scientific literature with different antibodies (PMID: 14742294). This protein has a calculated MW of 87.7 kDa band according to NP_079496.1.

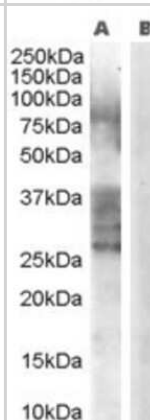


Images

Western Blot: ADAM33 Antibody [NB100-1787] - Analysis of ADAM33 in Human Prostate lysate using this antibody at (0.3ug/ml) with (B) and without (A) blocking with the immunizing peptide.



Western Blot: ADAM33 Antibody [NB100-1787] - (0.3ug/ml) staining of Human Prostate lysate (35ug protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Blakey J, Halapi E, Bjornsdottir US et al. Contribution of ADAM33 polymorphisms to the population risk of asthma. Thorax 2005-04-01 [PMID: 15790980]

Powell RM, Wicks J, Holloway JW et al. The splicing and fate of ADAM33 transcripts in primary human airways fibroblasts. Am J Respir Cell Mol Biol 2004-07-01 [PMID: 14742294]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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