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Datasheet for ABIN6992137 **anti-ADAM29 antibody (C-Term)**

Overview

Quantity:	0.1 mg
Target:	ADAM29
Binding Specificity:	AA 710-760, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAM29 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	ADAM29 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human ADAM29. The immunogen is located within amino acids 710 - 760 of ADAM29.
Isotype:	IgG
Specificity:	ADAM29 antibody is human specific. ADAM29 antibody is predicted to not cross-react with other ADAM family proteins.
Purification:	ADAM29 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	ADAM29
Alternative Name:	ADAM29 (ADAM29 Products)

Target Details

Background:	The ADAM (a disintegrin and metalloprotease) protein family plays a role in cell-cell and cell-matrix interface related processes, including fertilization, muscle fusion, secretion of TNFalpha (tumor necrosis factor alpha), and modulation of the neurogenic function of Notch and Delta (1-3). ADAM29 contains one disintegrin domain, one EGF-like domain and one peptidase M12B domain (2). It is highly expressed in testes (3) and may be involved in spermatogenesis and fertilization (4,5).
Molecular Weight:	Predicted: 76 kDa Observed: 80 kDa
Gene ID:	11086
NCBI Accession:	NP_055084
UniProt:	Q9UKF5

Application Details

Application Notes:	ADAM29 antibody can be used for detection of ADAM29 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	ADAM29 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	ADAM29 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.