

ADAM29 Antibody

Catalog # ASC11925

Product Information

Application	WB, IF, E
Primary Accession	Q9UKF5
Other Accession	NP_055084 , 73765552
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	92759
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	ADAM29 antibody can be used for detection of ADAM29 by Western blot at 1 - 2 µg/ml. For immunofluorescence start at 20 µg/mL.

Additional Information

Gene ID	11086
Other Names	Disintegrin and metalloproteinase domain-containing protein 29, ADAM 29, Cancer/testis antigen 73, CT73, ADAM29
Target/Specificity	ADAM29; ADAM29 antibody is human specific. ADAM29 antibody is predicted to not cross-react with other ADAM family proteins.
Reconstitution & Storage	ADAM29 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Precautions	ADAM29 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ADAM29
Function	May be involved in spermatogenesis and fertilization. Seems to be a non catalytic metalloprotease-like protein.
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Expressed specifically in testes.

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 TNF α (tumor necrosis factor α), 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).

References

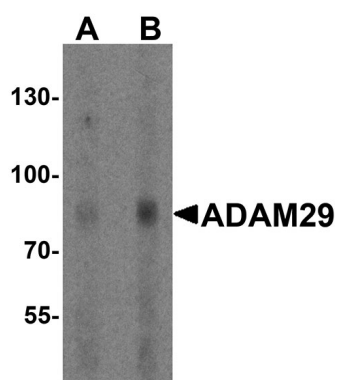
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Xu R, Cai J, Xu T, et al. Molecular cloning and mapping of a novel ADAM gene (ADAM29) to human chromosome 4. *Genomics* 1999; 62:537-9.

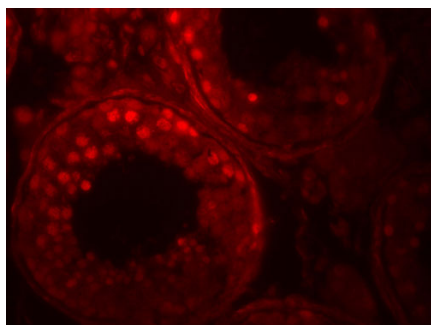
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Oppezzo P, Vasconcelos Y, Settegrana C, et al. The LPL/ADAM29 expression ratio is a novel prognosis indicator in chronic lymphocytic leukemia. *Blood* 2005; 106:650-7.

Images



Western blot analysis of ADAM29 in human bladder tissue lysate with ADAM29 antibody at (A) 1 and (B) 2 μ g/ml.



Immunofluorescence of ADAM29 in human testis tissue with ADAM29 antibody at 20 μ g/mL.

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