

ADAM29 Antibody
Catalog # ASC11925**Specification**

ADAM29 Antibody - Product Information

Application	WB, IF
Primary Accession	Q9UKF5
Other Accession	NP_055084 , 73765552
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	Predicted: 76 kDa; Observed: 80 kDa
Application Notes	KDa ADAM29 antibody can be used for detection of ADAM29 by Western blot at 1 - 2 µg/ml. For immunofluorescence start at 20 µg/mL.

ADAM29 Antibody - Additional InformationGene ID **11086****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.

ADAM29 Antibody - 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

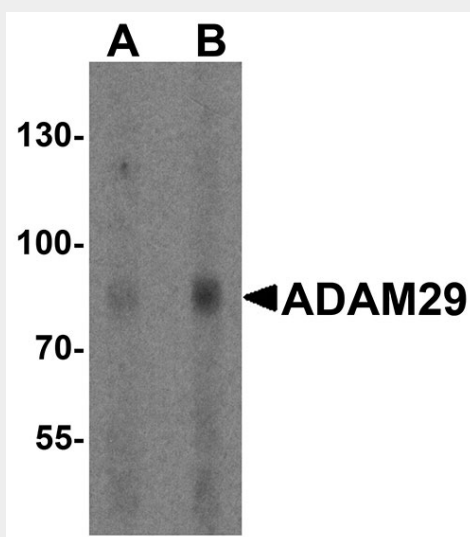
Expressed specifically in testes.

ADAM29 Antibody - Protocols

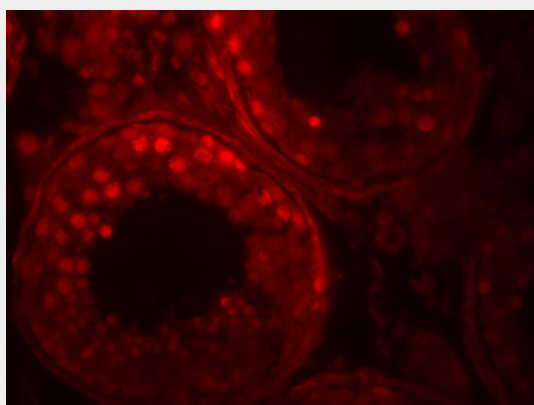
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ADAM29 Antibody - 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.

ADAM29 Antibody - 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).

ADAM29 Antibody - References

- Wang F, Xu R, Zhu P, et al. Preliminary functional analysis of a cloned novel human gene ADAM29. *Sci. China C. Life Sci.* 2001; 44:392-9.
- 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.
- Cerretti DP, DuBose RF, Black RA, et al. Isolation of two novel metalloproteinase-disintegrin (ADAM) cDNAs that show testis-specific gene expression. *Biochem. Biophys. Res. Commun.* 1999; 263:810-5.
- 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.