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ADAM2 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI13582

Product Information

Application	WB
Primary Accession	Q99965
Other Accession	NM_001464, NP_001455
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	82457

Additional Information

Gene ID	2515
Alias Symbol	CRYN1, CRYN2, FTNB, PH-30b, PH30, CT15
Other Names	Disintegrin and metalloproteinase domain-containing protein 2, ADAM 2, Cancer/testis antigen 15, CT15, Fertilin subunit beta, PH-30, PH30, PH30-beta, ADAM2, FTNB
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-ADAM2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	ADAM2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

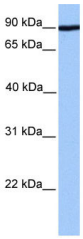
Name	ADAM2
Synonyms	FTNB
Function	Sperm surface membrane protein that may be involved in sperm- egg plasma membrane adhesion and fusion during fertilization. Could have a direct role in sperm-zona binding or migration of sperm from the uterus into the oviduct. Interactions with egg membrane could be mediated via binding between its disintegrin-like domain to one or more integrins receptors on the egg. This is a non catalytic metalloprotease-like protein.

Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Expressed specifically in spermatogenic cells in the seminiferous cells. Not detected in fetal tissues

References

Vidaeus C.M.,et al.Mol. Reprod. Dev. 46:363-369(1997).
Gupta S.K.,et al.Biochem. Biophys. Res. Commun. 224:318-326(1996).
Burkin H.R.,et al.Genomics 40:190-192(1997).
Hall L.,et al.Submitted (APR-1999) to the EMBL/GenBank/DDBJ databases.

Images



WB Suggested Anti-ADAM2 Antibody Titration: 0.2-1 µg/ml
Positive Control: 721_B cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.