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ADAM7 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI13586

Product Information

Application	WB
Primary Accession	Q9H2U9
Other Accession	NM_003817, NP_003808
Reactivity	Human, Mouse, Dog, Horse
Predicted	Human, Mouse, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	85669

Additional Information

Gene ID	8756
Alias Symbol	EAPI, GP-83, GP83, ADAM 7, ADAM-7
Other Names	Disintegrin and metalloproteinase domain-containing protein 7, ADAM 7, Sperm maturation-related glycoprotein GP-83, ADAM7, GP83
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-ADAM7 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	ADAM7 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

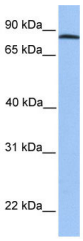
Protein Information

Name	ADAM7 (HGNC:214)
Function	Required for normal male fertility via maintenance of epithelial cell morphology in the caput epididymis and subsequently correct epididymis lumen structure required for sperm development (By similarity). Plays a role in sperm motility, flagella morphology and tyrosine phosphorylation during sperm capacitance (By similarity). Plays a role in normal expression levels of HSPA5, ITM2B and ADAM2 in sperm both prior to and post-capacitation (By similarity). This is a non catalytic metalloprotease-like protein (By similarity).
Cellular Location	Membrane; Single-pass type I membrane protein

References

Lin Y.C.,et al.Submitted (DEC-1999) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Nusbaum C.,et al.Nature 439:331-335(2006).
Liu H.W.,et al.Submitted (SEP-1998) to the EMBL/GenBank/DDBJ databases.
Wei X.,et al.Hum. Mutat. 32:E2148-E2175(2011).

Images



WB Suggested Anti-ADAM7 Antibody Titration: 0.2-1 µg/ml
Positive Control: Hela cell lysate

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