

ADAM7 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13586**Specification**

ADAM7 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O9H2U9
Other Accession	NM_003817 , NP_003808
Reactivity	Human, Mouse, Horse, Dog
Predicted	Human, Mouse, Horse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	83kDa KDa

ADAM7 antibody - C-terminal region - 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.

ADAM7 antibody - C-terminal region - 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 capacitation (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

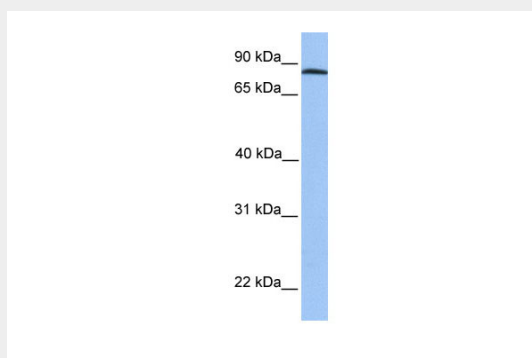
Membrane; Single-pass type I membrane protein

ADAM7 antibody - C-terminal region - 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](#)

ADAM7 antibody - C-terminal region - Images



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

ADAM7 antibody - C-terminal region - 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).