

SPAM1 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI15082**Specification**

SPAM1 Antibody - middle region - Product Information

Application	WB
Primary Accession	P38567
Other Accession	NP_694859
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55kDa KDa

SPAM1 Antibody - middle region - Additional Information**Gene ID 6677**

Alias Symbol **SPAM1, HYAL3, PH20,**

Other Names

Hyaluronidase PH-20, Hyal-PH20, 3.2.1.35, Hyaluronoglucosaminidase PH-20, Sperm adhesion molecule 1, Sperm surface protein PH-20, SPAM1, HYAL3, PH20

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 µl of distilled water. Final Anti-SPAM1 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

SPAM1 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

SPAM1 Antibody - middle region - Protein Information

Name SPAM1

Synonyms HYAL3, PH20

Function

Involved in sperm-egg adhesion. Upon fertilization sperm must first penetrate a layer of cumulus cells that surrounds the egg before reaching the zona pellucida. The cumulus cells are embedded in a matrix containing hyaluronic acid which is formed prior to ovulation. This protein aids in penetrating the layer of cumulus cells by digesting hyaluronic acid.

Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor.

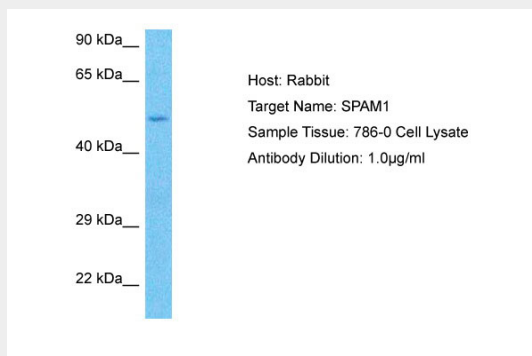
Tissue Location

Testis..

SPAM1 Antibody - middle 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](#)

SPAM1 Antibody - middle region - Images

Host: Rabbit
Target Name: SPAM1
Sample Tissue: 786-0 Whole Cell lysates
Antibody Dilution: 1.0µg/ml

SPAM1 Antibody - middle region - References

Lin Y.,et al.Proc. Natl. Acad. Sci. U.S.A. 90:10071-10075(1993).
Gmachl M.,et al.FEBS Lett. 336:545-548(1993).
Jones M.H.,et al.Genomics 29:796-800(1995).
Hillier L.W.,et al.Nature 424:157-164(2003).
Scherer S.W.,et al.Science 300:767-772(2003).