

Rabbit SPAM1 Antibody | anti-SPAM1 antibody

SPAM1 Antibody

CATALOG #	HOST	APPLICATIONS
AAA267022	Rabbit	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot

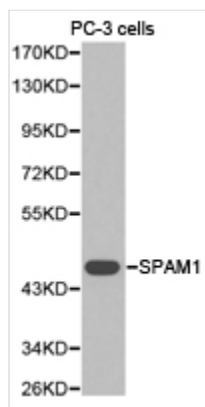
PRODUCT SYNONYMS

SPAM1; SPAM1 Antibody; HYA1; PH20; HYAL1; HYAL3; HYAL5; PH-20; SPAG15; anti-SPAM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Sequence Length	509
Applicable Applications for anti-SPAM1 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human SPAM1
Cross-Reactivity	Human, Mouse, Rat
Preparation and Storage	Store at -20°C or -80°C. Avoid freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of extracts of PC-3 cell lines, using SPAM antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SPAM1 antibody	Hyaluronidase degrades hyaluronic acid, a major structural proteoglycan found in extracellular matrices and basement membranes. Six members of the hyaluronidase family are clustered into two tightly linked groups on chromosome 3p21.3 and 7q31.3. This gene was previously referred to as HYAL1 and HYA1 and has since been assigned the official symbol SPAM1; another family member on chromosome 3p21.3 has been assigned HYAL1. This gene encodes a GPI-anchored enzyme located on the human sperm surface and inner acrosomal membrane. This multifunctional protein is a hyaluronidase that enables sperm to penetrate through the hyaluronic acid-rich cumulus cell layer surrounding the oocyte, a receptor that plays a role in hyaluronic acid induced cell signaling, and a receptor that is involved in sperm-zona pellucida adhesion. Abnormal expression of this gene in tumors has implicated this protein in degradation of basement membranes leading to tumor invasion and metastasis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2010]
Product Categories/Family for anti-SPAM1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	291290979
NCBI GeneID	6677
NCBI Accession #	NP_001167515.1
NCBI GenBank Nucleotide #	NM_001174044.1
UniProt Accession #	P38567; Q8TC30
Molecular Weight	Calculated MW: 58kDa
NCBI Official Full Name	hyaluronidase PH-20 isoform 2
NCBI Official Synonym Full Names	sperm adhesion molecule 1
NCBI Official Symbol	SPAM1
NCBI Official Synonym Symbols	HYA1; PH20; HYAL1; HYAL3; HYAL5; PH-20; SPAG15; HEL-S-96n
NCBI Protein Information	hyaluronidase PH-20
UniProt Protein Name	Hyaluronidase PH-20
UniProt Gene Name	SPAM1
UniProt Synonym Gene Names	HYAL3; PH20; Hyal-PH20

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/rabbit-antibody/spam1/267022>