

Rabbit anti-Human IZUMO1 Polyclonal Antibody | anti-IZUMO1 antibody

IZUMO1 Antibody

CATALOG # AAA230220	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA
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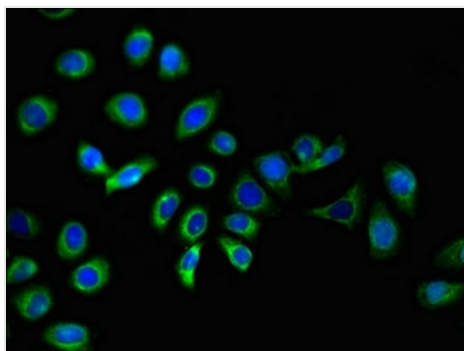
PRODUCT SYNONYMS

IZUMO1; Polyclonal Antibody; IZUMO1 Antibody; Izumo sperm-egg fusion protein 1; Oocyte binding/fusion factor; OBF; Sperm-specific protein izumo; anti-IZUMO1 antibody

PRODUCT SPECIFICATIONS

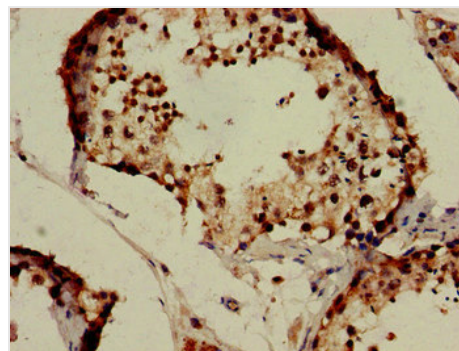
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	350
Applicable Applications for anti-IZUMO1 antibody	ELISA
Immunogen	Recombinant human Izumo sperm-egg fusion protein 1 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-79543 / sc-79540
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of A549 cells using AAA230220 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA230220 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-IZUMO1 antibody	Essential sperm cell-surface protein required for fertilization by acting as a ligand for IZUMO1R/JUNO receptor on egg. The IZUMO1:IZUMO1R/JUNO interaction is a necessary adhesion event between sperm and egg that is required for fertilization but is not sufficient for cell fusion. The ligand-receptor interaction probably does not act as a membrane 'fusogen'.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194097475
NCBI GeneID	284359
NCBI Accession #	NP_872381.2
NCBI GenBank Nucleotide #	NM_182575.2
UniProt Accession #	Q8IYV9; Q6Q8P6; Q6Q8P7
Molecular Weight	7,339 Da
NCBI Official Full Name	izumo sperm-egg fusion protein 1
NCBI Official Synonym Full Names	izumo sperm-egg fusion 1
NCBI Official Symbol	IZUMO1
NCBI Official Synonym Symbols	IZUMO
NCBI Protein Information	izumo sperm-egg fusion protein 1
UniProt Protein Name	Izumo sperm-egg fusion protein 1
UniProt Gene Name	IZUMO1
UniProt Synonym Gene Names	OBF
UniProt Entry Name	IZUM1_HUMAN

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/polyclonal/izumo1-antibody-elisa/230220>