

Anti-Oviduct-specific glycoprotein OVGP1 Antibody

Catalog Number: A07911

About OVGP1

Oviductins belong to a family of glycoproteins that have been suggested to play several roles during the early processes of reproduction. OVGP1 is a large carbohydrate-rich, epithelial glycoprotein with numerous O-glycosylation sites within threonine, serine, and proline-rich tandem repeats. The protein is secreted from non-ciliated oviductal epithelial cells and associates with ovulated oocytes, blastomeres, and spermatozoan acrosomal regions. At least two isoforms of OVGP are known to exist.

Overview

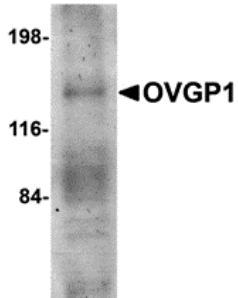
Product Name	Anti-Oviduct-specific glycoprotein OVGP1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Oviduct-specific glycoprotein OVGP1 Antibody (Catalog # A07911). Tested in ELISA, WB, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, ICC, WB
Clonality	Polyclonal
Formulation	OVGP1 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	OVGP1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q12889

Technical Details

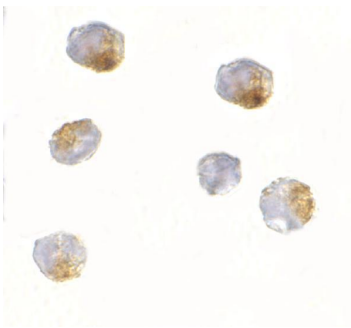
Immunogen	OVGP1 antibody was raised against an 18 amino acid synthetic peptide from near the amino terminus of human OVGP1. The immunogen is located within amino acids 60 - 110 of OVGP1.
Predicted Reactive Species	Bovine, Pig, Sheep
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	OVGP1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	OVGP1 antibody can be used for the detection of OVGP1 by Western blot at 1 ug/mL. Antibody can also be used for immunocytochemistry starting at 2.5 ug/mL. For immunofluorescence start at 2.5 ug/mL.

Antibody validated: Western Blot in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

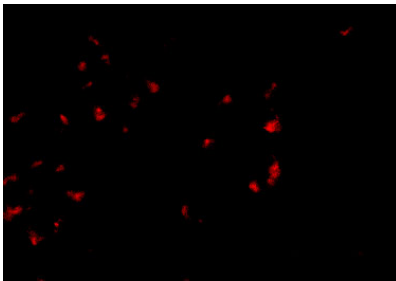
Anti-Oviduct-specific glycoprotein OVGP1 Antibody (A07911) Images



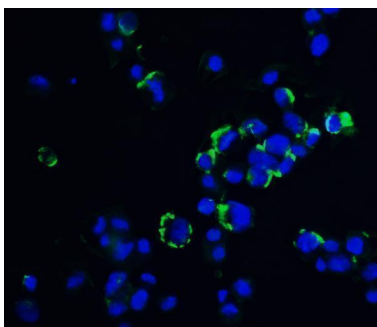
Western blot analysis of OVGP1 in human placenta tissue lysate with OVGP1 antibody at 1 ug/mL.



Immunocytochemistry of OVGP1 in 293 cells with OVGP1L antibody at 2.5 ug/mL.



Immunofluorescence of OVGP1 in 293 cells with OVGP1 antibody at 2.5 ug/mL.



Immunofluorescence of OVGP1 in Hek293 cells with OVGP1 antibody at 20 ug/mL. Green: OVGP1 Antibody (A07911)
Blue: DAPI staining

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