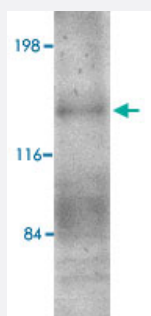


OVGP1 polyclonal antibody

Catalog # PAB13062

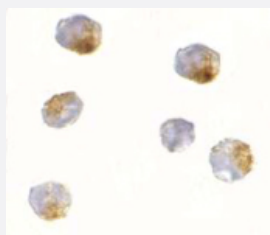
Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of OVGP1 in NIH/3T3 cell lysate with OVGP1 polyclonal antibody (Cat # PAB13062) at 1 ug/mL .



Immunocytochemistry

Immunocytochemical staining of 293 cells with 2.5 ug/mL OVGP1 polyclonal antibody (Cat # PAB13062).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of OVGP1.
Immunogen	A synthetic peptide corresponding to N-terminus 18 amino acids of human OVGP1.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of OVGP1 in NIH/3T3 cell lysate with OVGP1 polyclonal antibody (Cat # PAB13062) at 1 ug/mL .

- Immunocytochemistry

Immunocytochemical staining of 293 cells with 2.5 ug/mL OVGP1 polyclonal antibody (Cat # PAB13062).

Gene Info — OVGP1

Entrez GeneID	5016
Protein Accession#	NP_002548
Gene Name	OVGP1
Gene Alias	CHIT5, EGP, MUC9, OGP
Gene Description	oviductal glycoprotein 1, 120kDa
Omim ID	603578
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a large, carbohydrate-rich, epithelial glycoprotein with numerous O-glycosylation sites located within threonine, serine, and proline-rich tandem repeats. The gene is similar to members of the mucin and the glycosyl hydrolase 18 gene families. Regulation of expression may be estrogen-dependent. Gene expression and protein secretion occur during late follicular development through early cleavage-stage embryonic development. The protein is secreted from non-ciliated oviductal epithelial cells and associates with ovulated oocytes, blastomeres, and spermatozoan acrosomal regions. [provided by RefSeq]
Other Designations	OTTHUMP00000013471 estrogen-dependent oviduct protein mucin 9 oviduct glycoprotein oviduct-specific glycoprotein oviductal glycoprotein 1 oviductin

Publication Reference

- [Characterization and biological roles of oviduct-specific, oestrogen-dependent glycoprotein.](#)

Buhi WC.

Reproduction 2002 Mar; 123(3):355.

Application: Blocking, Bovine, Bovine oocytes

- [Complementary deoxyribonucleic acid cloning and molecular characterization of an estrogen-dependent human oviductal glycoprotein.](#)

Arias EB, Verhage HG, Jaffe RC.

Biology of Reproduction 1994 Oct; 51(4):685.

Application: WB-Ti, Bovine, Bovine oviductal tissues