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Rabbit Anti-OVGP1 antibody

SL17571R

Product Name:	OVGP1
Chinese Name:	输卵管特异性glycoprotein抗体
Alias:	CHIT5; EGP; Estrogen dependent oviduct protein; Estrogen-dependent oviduct protein; MUC9; mucin 9; Mucin-9; OGP; OVGP 9; Ovgp1; OVGP1_HUMAN; Oviduct glycoprotein; Oviduct-specific glycoprotein; Oviductal glycoprotein; Oviductin.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	73kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human OVGP1:51-150/678
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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, Jul 2008] **Function:** Binds to oocyte zona pellucida in vivo. May play a role in the fertilization process and/or early embryonic development. **Subcellular Location:** Cytoplasmic vesicle; secretory vesicle. Secretory granules. **Tissue Specificity:** Oviduct. **Similarity:** Belongs to the glycosyl hydrolase 18 family. **SWISS:** Q12889 **Gene ID:** 5016 **Database links:** Entrez Gene: 5016 Human Entrez Gene: 12659 Mouse Omim: 603578 Human SwissProt: Q12889 Human SwissProt: Q62010 Mouse Unigene: 1154 Human Unigene: 431947 Mouse **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.