

GLIPR1L1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55150

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q6UWM5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27151

Additional Information

Gene ID	256710
Other Names	GLIPR1-like protein 1, GLIPR1L1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	GLIPR1L1
Function	Required for optimal fertilization at the stage of sperm- oocyte fusion, plays a role in optimizing acrosome function, the translocation of IZUMO1 during the acrosome reaction and the fertilization process. Component of epididymosomes, one type of membranous microvesicles which mediate the transfer of lipids and proteins to spermatozoa plasma membrane during epididymal maturation. Also component of the CD9-positive microvesicles found in the cauda region.
Cellular Location	Cytoplasmic vesicle, secretory vesicle, acrosome {ECO:0000250 UniProtKB:Q9DAG6}. Cell membrane {ECO:0000250 UniProtKB:Q9DAG6}; Lipid-anchor, GPI-anchor; Extracellular side {ECO:0000250 UniProtKB:Q9DAG6}. Membrane raft {ECO:0000250 UniProtKB:Q32LB5}. Secreted {ECO:0000250 UniProtKB:Q9DAG6}. Note=Located in the connecting piece of elongated spermatids and sperm. Also located in the apical region of the sperm head after sperm capacitation (By similarity). Weakly attached to the cell membrane and later secreted into the extracellular space (By similarity). Located on sperm equatorial segment and neck (By similarity). Associated

with epididymosomes from the caput and cauda epididymis (By similarity).
{ECO:0000250|UniProtKB:Q32LB5, ECO:0000250|UniProtKB:Q9DAG6}

Tissue Location

Highly expressed in testis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.