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ODF4 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55222

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q2M2E3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29233
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ODF4
Epitope Specificity	65-150/257
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell Membrane
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Component of the outer dense fibers (ODF) of spermatozoa which could be involved in sperm tail structure, sperm movement and general organization of cellular cytoskeleton.

Additional Information

Gene ID	146852
Other Names	Outer dense fiber protein 4, Outer dense fiber of sperm tails protein 4, Testis-specific protein oppo 1, hOPPO1, ODF4, OPPO1
Target/Specificity	Expressed in testis and sperm; especially localized to sperm tail (at protein level).
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
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	ODF4
Synonyms	OPPO1
Function	Component of the outer dense fibers (ODF) of spermatozoa which could be involved in sperm tail structure, sperm movement and general organization of cellular cytoskeleton.
Cellular Location	Membrane; Multi-pass membrane protein
Tissue Location	Expressed in testis and sperm; especially localized to sperm tail (at protein level).