10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Folate Receptor 4 Rabbit pAb

Catalog # AP96900

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	A6ND01
Other Accession	A6ND01
Reactivity	Rat, Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28672
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Folate Receptor 4
Epitope Specificity	151-250/250
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the folate receptor family.
Post-translational modifications	Eight disulfide bonds are present (Potential).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Folate receptor 4 is a highly expressed cell surface marker of regulatory T cells.

Additional Information

Gene ID	390243
Other Names	FOLR4; FR-delta; Folbp3; JUNO; 0910001L11Rik; JUNO_HUMAN; IZUMO1R; Folate receptor 4; Folate receptor delta (FR-delta); IZUMO1 receptor protein JUNO; JUNO_MOUSE; Folate-binding protein 3; IZUMO1 receptor, JUNO; folate receptor 4 (delta) homolog (mouse); folate receptor 4, delta (putative)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	IZUMO1R (HGNC:32565)

Function	Receptor for IZUMO1 present at the cell surface of oocytes (oolemma), which is essential for species-specific gamete recognition and fertilization. The IZUMO1:IZUMO1R/JUNO interaction is a necessary adhesion event between sperm and egg that is required for fertilization but is not sufficient for cell fusion (PubMed:30517645). The ligand- receptor interaction probably does not act as a membrane 'fusogen'. Does not bind folate.
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor {ECO:0000250|UniProtKB:Q9EQF4}. Cell projection, microvillus membrane; Lipid- anchor, GPI-anchor {ECO:0000250|UniProtKB:Q9EQF4}. Note=GPI-anchored at the oolemma microvilli. {ECO:0000250|UniProtKB:Q9EQF4}
Tissue Location	Expressed in unfertilized oocytes (at protein level).

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