

Rabbit anti-Human FOLR4 Polyclonal Antibody | anti-IZUMO1R antibody

FOLR4 Antibody (N-term)

CATALOG # AAA28763	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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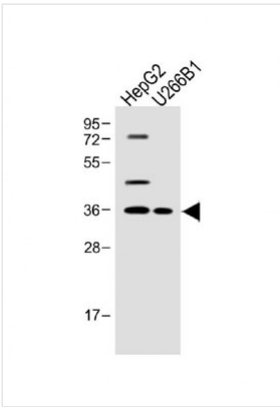
PRODUCT SYNONYMS

FOLR4; Polyclonal Antibody; FOLR4 Antibody (N-term); Sperm-egg fusion protein Juno; Folate receptor 4; Folate receptor delta; FR-delta; IZUMO1 receptor protein JUNO; IZUMO1R HGNC:32565); JUNO; anti-IZUMO1R antibody

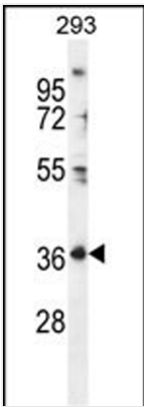
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FOLR4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-46 amino acids from the N-terminal region of human FOLR4.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	17-47
Sequence Length	243
Applicable Applications for anti-IZUMO1R antibody	WB (Western Blot), ELISA
Application Notes	WB~~1:1000
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. The ligand-receptor interaction does not act as a membrane 'fusogen'. Does not bind folate.
Cellular Location	Cell membrane{ECO:0000250 UniProtKB:Q9EQF4};Lipid-anchor, GPI-anchor{ECO:0000250 UniProtKB:Q9EQF4}. Note=GPI-anchored at the oolemma{ECO:0000250 UniProtKB:Q9EQF4}
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
All lanes: FOLR4 Antibody (N-term) at 1:500 dilution Lane 1: HepG2 whole cell lysate Lane 2: U266B1 whole cell lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 36 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)
FOLR4 Antibody (N-term) (AAA28763) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the FOLR4 antibody detected the FOLR4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-IZUMO1R antibody	Folate receptor 4 is a highly expressed cell surface marker of regulatory T cells.
Product Categories/Family for anti-IZUMO1R antibody	Immunology
References	Spiegelstein, O., et al. Gene 258 (1-2), 117-125 (2000) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	312836827
NCBI GeneID	390243
NCBI Accession #	NP_001186135.1
NCBI GenBank Nucleotide #	NM_001199206.1
UniProt Accession #	A6ND01
NCBI Official Full Name	sperm-egg fusion protein Juno
NCBI Official Synonym Full Names	IZUMO1 receptor, JUNO
NCBI Official Symbol	IZUMO1R
NCBI Official Synonym Symbols	JUNO; FOLR4; Folbp3
NCBI Protein Information	sperm-egg fusion protein Juno
UniProt Protein Name	Sperm-egg fusion protein Juno
UniProt Gene Name	IZUMO1R
UniProt Synonym Gene Names	FR-delta
UniProt Entry Name	JUNO_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.