

FOLR4 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11990a**Specification**

FOLR4 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	A6ND01
Other Accession	NP_001186135.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	17-47

FOLR4 Antibody (N-term) - Additional Information**Gene ID** 390243**Other Names**

Sperm-egg fusion protein Juno, Folate receptor 4, Folate receptor delta, FR-delta, IZUMO1 receptor protein JUNO, IZUMO1R (HGNC:32565), FOLR4, JUNO

Target/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.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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.

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.

Precautions

FOLR4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

FOLR4 Antibody (N-term) - 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

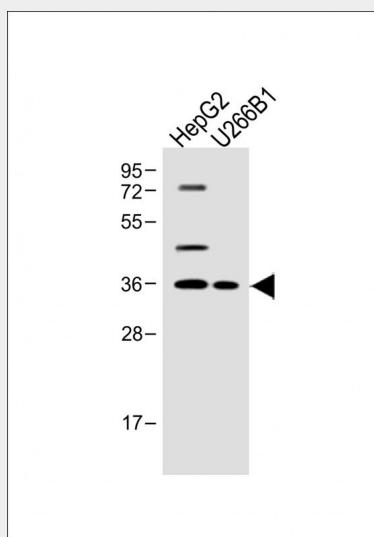
Expressed in unfertilized oocytes (at protein level).

FOLR4 Antibody (N-term) - Protocols

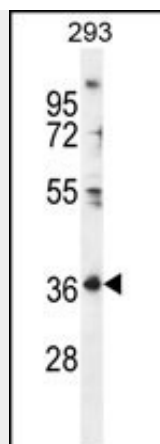
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FOLR4 Antibody (N-term) - Images



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 µg 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.



FOLR4 Antibody (N-term) (Cat. #AP11990a) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the FOLR4 antibody detected the FOLR4 protein (arrow).

FOLR4 Antibody (N-term) - Background

Folate receptor 4 is a highly expressed cell surface marker of regulatory T cells.

FOLR4 Antibody (N-term) - References

Spiegelstein, O., et al. Gene 258 (1-2), 117-125 (2000) :