

Rabbit anti-Rat FOLR1 Polyclonal Antibody | anti-FOLR1 antibody

Anti-FOLR1 Antibody, Rabbit Polyclonal

CATALOG # AAA257345	HOST Rabbit	REACTIVITY Rat	APPLICATIONS Immunohistochemistry, Western Blot
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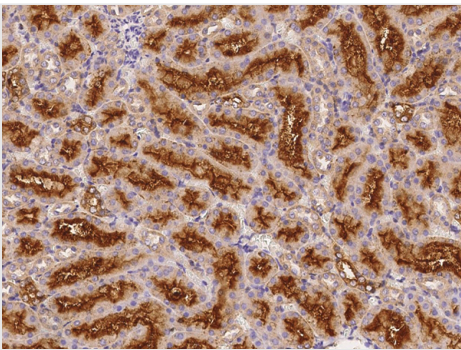
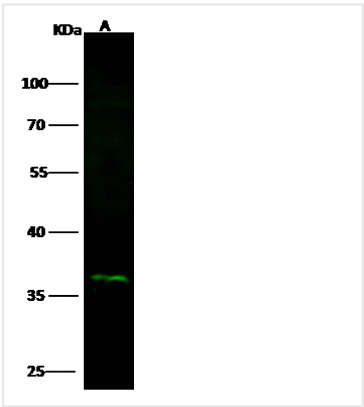
PRODUCT SYNONYMS

FOLR1; Polyclonal Antibody; Anti-FOLR1 Antibody; Rabbit Polyclonal; FOLR1/Folate Receptor 1 Antibody; Rabbit PAb; Antigen Affinity Purified; folate receptor 1 (adult); anti-FOLR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Rat FOLR1/Folate Receptor 1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-FOLR1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Rat FOLR1/Folate Receptor 1 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Rat FOLR1/Folate Receptor 1 (rR FOLR1/Folate Receptor 1). FOLR1/Folate Receptor 1 specific IgG was purified by Rat FOLR1/Folate Receptor 1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunochemical staining of rat FOLR1 in rat kidney with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

WB (Western Blot)
Anti-FOLR1 rabbit polyclonal antibody at 1:500 dilution
Lane A: K562 Whole Cell Lysate
Lysates/proteins at 30 ug per lane.
Secondary Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution.
Developed using the Odyssey technique.
Performed under reducing conditions.
Predicted band size: 30 kDa
Observed band size: 37 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-FOLR1 antibody	The protein encoded by FOLR1 gene is a member of the folate receptor family. Members of this gene family bind folic acid and its reduced derivatives, and transport 5-methyltetrahydrofolate into cells. This gene product is a secreted protein that either anchors to membranes via a glycosyl-phosphatidylinositol linkage or exists in a soluble form. Mutations in this gene have been associated with neurodegeneration due to cerebral folate transport deficiency. Due to the presence of two promoters, multiple transcription start sites, and alternative splicing, multiple transcript variants encoding the same protein have been found for this gene. Folate receptor alpha (FRalpha) is the most important subunit of Folate receptor and the alpha isoform has been shown to be selectively overexpressed in cancer types like breast and ovarian cancer compared to normal breast and ovarian epithelial cells. It was determined that Folate receptor alpha exhibits a limited expression on the apical surfaces of the epithelial cells of normal lung, breast, thyroid, parathyroid, and kidney tissues. For their uptake of folate, normal cells rely almost exclusively on the reduced folate carrier, whereas many carcinomas and myeloid leukemia cells overexpress a high-affinity FR on their surfaces, perhaps reflecting their increased need for folate to support rapid cell division.
References	Senol S, Ceyran AB, Aydin A, et al. Folate receptor alpha expression and significance in endometrioid endometrium carcinoma and endometrial hyperplasia. International Journal of Clinical and Experimental Pathology. 2015;8(5):5633-5641.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19424178
NCBI GeneID	171049
NCBI Accession #	NP_598211.1
NCBI GenBank Nucleotide #	NM_133527.1
UniProt Accession #	Q9JL02
Molecular Weight	25.4kDa
NCBI Official Full Name	folate receptor alpha
NCBI Official Synonym Full Names	folate receptor 1 (adult)
NCBI Official Symbol	Folr1
NCBI Official Synonym Symbols	Fbp1

NCBI Protein Information	folate receptor alpha; folate binding protein 1
UniProt Protein Name	Folate binding protein
UniProt Gene Name	Folr1

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/folr1-antibody-immunohistochemistry-western-blot-elisa/257345>