Rabbit Folate Binding Protein (FBP)/FOLR1 Polyclonal Antibody | anti-FBP antibody

Folate Binding Protei n(FBP)/FOLR1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281589	**Rabbit**	**Human, Mouse, Rat**	**Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

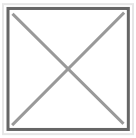
PRODUCT SYNONYMS

Folate Binding Protein (FBP)/FOLR1; Polyclonal Antibody; Folate Binding Protei n(FBP)/FOLR1 Rabbit pAb; FOLR1; FBP; FOLR; anti-FBP antibody

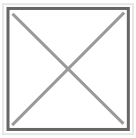
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thimerosal, 50% glycerol, pH7.3.
Applicable Applications for anti-FBP antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Folate Binding Protein (FBP) / FOLR1 (NP_000793.1)
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



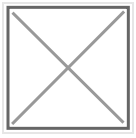
IF (Immunofluorescence)
Immunofluorescence analysis of U-2 OS cells using Folate Binding Protein(FBP) / FOLR1 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)
Immunofluorescence analysis of NIH-3T3 cells using Folate Binding Protein(FBP) / FOLR1 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

IHC (Immunohistochemisry)
Immunohistochemistry of paraffin-embedded human colon using Folate Binding Protein(FBP) / FOLR1 Rabbit pAb at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded rat testis using Folate Binding Protein(FBP) / FOLR1 Rabbit pAb at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



WB (Western Blot)
Western blot analysis of extracts of Rat brain, using Folate Binding Protein(FBP) / FOLR1 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-FBP antibody	Background: The protein encoded by this 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.
Product Categories/Family for anti-FBP antibody	CAR-T Cell Therapy Targets; Products; Drug Targets

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758400
NCBI GeneID	2348
NCBI Accession #	NP_000793.1
NCBI GenBank Nucleotide #	NM_000802.3
UniProt Accession #	P15328; Q53EW2; Q6FGT8; Q6LC90; Q9UCT2
Molecular Weight	Observed MW: 37kDa Calculated MW: 30kDa
NCBI Official Full Name	folate receptor alpha
NCBI Official Synonym Full Names	folate receptor 1 (adult)
NCBI Official Symbol	FOLR1
NCBI Official Synonym Symbols	FBP; FOLR
NCBI Protein Information	folate receptor alpha; FR-alpha; KB cells FBP; folate binding protein; folate receptor, adult; adult folate-binding protein; ovarian tumor-associated antigen MOv18
UniProt Protein Name	Folate receptor alpha
UniProt Gene Name	**FOLR1**
UniProt Synonym Gene Names	FOLR; FR-alpha; FBP
UniProt Entry Name	FOLR1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/folate-binding-protein-fbp-folr1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/281589