

# Rabbit anti-Human Folate Binding Protein (FBP)/FOLR1 Monoclonal Antibody | anti-FOLR1 antibody

Folate Binding Protein (FBP)/FOLR1 Rabbit mAb

|                               |                       |                            |                                            |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA282853</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|

## PRODUCT SYNONYMS

Folate Binding Protein (FBP)/FOLR1; Monoclonal Antibody; Folate Binding Protein (FBP)/FOLR1 Rabbit mAb; FBP; FOLR; NCFTD; FRalpha; Folate Binding Protein(FBP)/FOLR1; anti-FOLR1 antibody

## PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                    |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                             |
| Reactivity                                      | Human                                                                                                                              |
| Clonality                                       | Monoclonal                                                                                                                         |
| Isotype                                         | IgG                                                                                                                                |
| Purity/Purification                             | Affinity purification                                                                                                              |
| Form/Format                                     | PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.                                                                         |
| Sequence                                        | MAQRMTTQLL LLLVWVAVVG EAQTRIAWAR TELLNVCNNA KHHKEKPGPE DKLHEQCRPW RKNACCSTNT SQEAHKDVS YLYRFNWNHCG EMAPACKRHF                      |
| Applicable Applications for anti-FOLR1 antibody | ELISA, WB (Western Blot)                                                                                                           |
| Cross Reactivity                                | Human, Mouse, Rat                                                                                                                  |
| 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 degree C. Avoid freeze/thaw cycles.                                                                                   |

## IMAGES



### WB (Western Blot)

Western blot analysis of various lysates using Folate Binding Protein(FBP) / FOLR1 Rabbit mAb (AAA282853) at1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.



### WB (Western Blot)

Western blot analysis of lysates from HeLa cells, using Folate Binding Protein(FBP) / FOLR1 Rabbit mAb (AAA282853) at1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-FOLR1 antibody | 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-FOLR1 antibody   | Tags; Cell markers; Cell type markers; Tumor associated; Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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           | Calculated MW: 30kDa<br>Observed MW: 38kDa |
| 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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/folate-binding-protein-fbp-folr1-antibody-western-blot-elisa/282853>