

## Rabbit anti-Human FOLR2 Polyclonal Antibody | anti-FOLR2 antibody

Anti-FOLR2 Antibody, Rabbit Polyclonal

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA255362</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

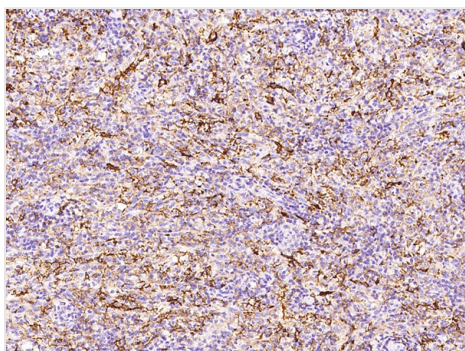
### PRODUCT SYNONYMS

FOLR2; Polyclonal Antibody; Anti-FOLR2 Antibody; Rabbit Polyclonal; FOLR2 Antibody; Rabbit PAb; Antigen Affinity Purified; folate receptor 2 (fetal); Anti-BETA-HFR Antibody; Anti-FBP Antibody; Anti-FBP/PL-1 Antibody; Anti-FR-BETA Antibody; Anti-FR-P3 Antibody; anti-FOLR2 antibody

### PRODUCT SPECIFICATIONS

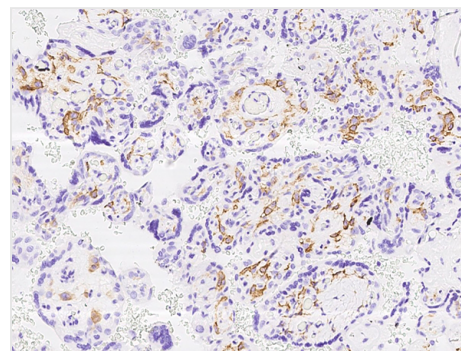
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|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                                |
| Reactivity                                      | Human                                                                                                                                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                            |
| Isotype                                         | Rabbit IgG                                                                                                                                                                                                                                                            |
| Specificity                                     | Human FOLR2                                                                                                                                                                                                                                                           |
| Purity/Purification                             | Protein A & Antigen Affinity                                                                                                                                                                                                                                          |
| Form/Format                                     | Liquid; 0.2um filtered solution in PBS                                                                                                                                                                                                                                |
| Applicable Applications for anti-FOLR2 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                                                                                                                  |
| Immunogen                                       | Recombinant Human FOLR2 Protein                                                                                                                                                                                                                                       |
| Conjugation                                     | Unconjugated                                                                                                                                                                                                                                                          |
| Preparation                                     | Produced in rabbits immunized with purified, recombinant Human FOLR2 (rh FOLR2). FOLR2 specific IgG was purified by Human FOLR2 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



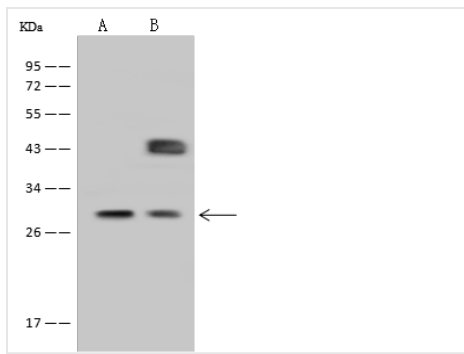
**IHC (Immunohistochemistry)**

Immunochemical staining of human FOLR2 in human spleen with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



**IHC (Immunohistochemistry)**

Immunochemical staining of human FOLR2 in human placenta with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



#### WB (Western Blot)

Anti-FOLR2 rabbit polyclonal antibody at 1:500 dilution  
Lane A: HeLa Whole Cell Lysate  
Lane B: MCF-7 Whole Cell Lysate  
Lysates/proteins at 30 ug per lane.  
Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.  
Developed using the ECL technique.  
Performed under reducing conditions.  
Predicted band size: 29 kDa  
Observed band size: 29 kDa  
(We are unsure as to the identity of these extra bands.)

### ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-FOLR2 antibody</b> | Folate receptor beta, also known as Folate receptor 2, FBP, and FOLR2, is a member of the folate receptor family. FOLR2 is expressed in placenta and hematopoietic cells. The expression of FOLR2 is increased in malignant tissues. Members of the Folate receptor family members (FOLRs) have a high affinity for folic acid and for several reduced folic acid derivatives. They mediate the delivery of 5-methyltetrahydrofolate to the interior of, out of within, or between cells in a process known as potocytosis. FOLR2 has a 68% and 79% sequence homology with the FOLR1 and FOLR3 proteins, respectively. The FOLR2 protein was originally thought to exist only in placenta, but is also detected in spleen, bone marrow, and thymus. FOLR2 is a marker for macrophages generated in the presence of M-CSF, but not GM-CSF. Its expression correlates with increased folate uptake ability. Folate conjugates of therapeutic drugs are a potential immunotherapy tool to target tumor-associated macrophages. |
| <b>References</b>                                          | van Heyningen V, et al., 1995, Cytogenet Cell Genet. 69 (3-4): 127-58. Sabharanjak, S. et al., 2004, Adv Drug Deliv Rev. 56 (8): 1099-109. Scapoli, L. et al., 2005, Am J Med Genet A. 132A (3): 302-4. Puig-Kroger, A. et al., 2009, Cancer Res 69 (24): 9395-403.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

### NCBI AND UNIPROT INFORMATION

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| <b>NCBI GI #</b>                        | 166064050                               |
| <b>NCBI GeneID</b>                      | 2350                                    |
| <b>NCBI Accession #</b>                 | NP_000794.3                             |
| <b>NCBI GenBank Nucleotide #</b>        | NM_000803.4                             |
| <b>UniProt Accession #</b>              | P14207; Q05CA5; Q6GTE8                  |
| <b>Molecular Weight</b>                 | 29,280 Da                               |
| <b>NCBI Official Full Name</b>          | folate receptor beta                    |
| <b>NCBI Official Synonym Full Names</b> | folate receptor beta                    |
| <b>NCBI Official Symbol</b>             | FOLR2                                   |
| <b>NCBI Official Synonym Symbols</b>    | FBP; FR-P3; FR-BETA; BETA-HFR; FBP/PL-1 |
| <b>NCBI Protein Information</b>         | folate receptor beta                    |
| <b>UniProt Protein Name</b>             | Folate receptor beta                    |
| <b>UniProt Gene Name</b>                | <b>FOLR2</b>                            |
| <b>UniProt Synonym Gene Names</b>       | FR-beta; FBP                            |

**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://stage.aaabiotech.com/polyclonal/folr2-antibody-immunohistochemistry-western-blot-elisa/255362>