

**FOLR1 Antibody**  
**Rabbit mAb**  
**Catalog # AP91419**

## Specification

---

### FOLR1 Antibody - Product Information

Application	<b>WB</b>
Primary Accession	<a href="#">P15328</a>
Reactivity	<b>Rat</b>
Clonality	<b>Monoclonal</b>

#### Other Names

Adult folate binding protein; FBP; Folate receptor 1; Folate Receptor 1 Precursor; Folate receptor alpha; FOLR1; FR alpha; KB cells FBP;

Isotype	<b>Rabbit IgG</b>
Host	<b>Rabbit</b>
Calculated MW	<b>29819 Da</b>

### FOLR1 Antibody - Additional Information

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human FOLR1</b>
Description	<b>Binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate to the interior of cells.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

### FOLR1 Antibody - Protein Information

**Name** FOLR1

**Synonyms** FOLR

#### Function

Binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate and folate analogs into the interior of cells (PubMed:[19074442](http://www.uniprot.org/citations/19074442)), PubMed:[23851396](http://www.uniprot.org/citations/23851396)), PubMed:[23934049](http://www.uniprot.org/citations/23934049)), PubMed:[2527252](http://www.uniprot.org/citations/2527252)), PubMed:[8033114](http://www.uniprot.org/citations/8033114)), PubMed:[8567728](http://www.uniprot.org/citations/8567728)). Has high affinity for folate and folic acid analogs at neutral pH (PubMed:[8567728](http://www.uniprot.org/citations/8567728)).

href="http://www.uniprot.org/citations/23851396" target="\_blank">23851396</a>, PubMed:<a href="http://www.uniprot.org/citations/23934049" target="\_blank">23934049</a>, PubMed:<a href="http://www.uniprot.org/citations/2527252" target="\_blank">2527252</a>, PubMed:<a href="http://www.uniprot.org/citations/8033114" target="\_blank">8033114</a>, PubMed:<a href="http://www.uniprot.org/citations/8567728" target="\_blank">8567728</a>). Exposure to slightly acidic pH after receptor endocytosis triggers a conformation change that strongly reduces its affinity for folates and mediates their release (PubMed:<a href="http://www.uniprot.org/citations/8567728" target="\_blank">8567728</a>). Required for normal embryonic development and normal cell proliferation (By similarity).

### Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor Apical cell membrane; Lipid-anchor, GPI- anchor Basolateral cell membrane; Lipid-anchor, GPI-like-anchor. Secreted Cytoplasmic vesicle. Cytoplasmic vesicle, clathrin-coated vesicle. Endosome. Note=Endocytosed into cytoplasmic vesicles and then recycled to the cell membrane

### Tissue Location

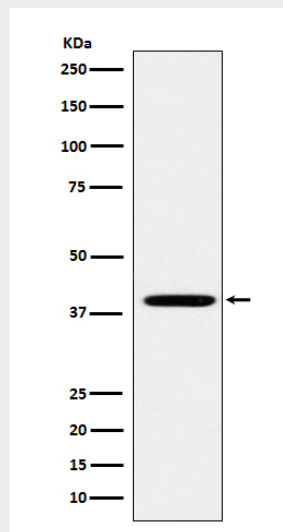
Primarily expressed in tissues of epithelial origin. Expression is increased in malignant tissues. Expressed in kidney, lung and cerebellum. Detected in placenta and thymus epithelium.

### FOLR1 Antibody - 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](#)

### FOLR1 Antibody - Images



Western blot analysis of FOLR1 expression in HEK293 cell lysate.