

Folate Binding Protein Rabbit mAb

Catalog # AP77742

Product Information

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| Application | WB |
| Primary Accession | P15328 |
| Reactivity | Rat, Human, Mouse |
| Host | Rabbit |
| Clonality | Monoclonal Antibody |
| Isotype | IgG |
| Conjugate | Unconjugated |
| Immunogen | A synthesized peptide derived from human FOLR1 |
| Purification | Affinity Chromatography |
| Calculated MW | 29819 |

Additional Information

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|--------------------|--|
| Gene ID | 2348 |
| Other Names | FOLR1 |
| Dilution | WB~~1/500-1/1000 |
| Format | Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |

Protein Information

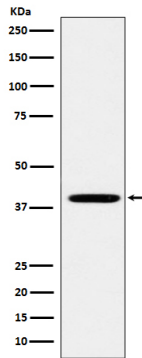
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|--------------------------|---|
| Name | FOLR1 |
| Synonyms | FOLR |
| Function | Binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate and folate analogs into the interior of cells (PubMed: 19074442 , PubMed: 23851396 , PubMed: 23934049 , PubMed: 2527252 , PubMed: 8033114 , PubMed: 8567728). Has high affinity for folate and folic acid analogs at neutral pH (PubMed: 23851396 , PubMed: 23934049 , PubMed: 2527252 , PubMed: 8033114 , PubMed: 8567728). Exposure to slightly acidic pH after receptor endocytosis triggers a conformation change that strongly reduces its affinity for folates and mediates their release (PubMed: 8567728). 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.

Images



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