

## Summary

<b>Production Name</b>	FR- $\alpha$ Rabbit Polyclonal Antibody
<b>Description</b>	Rabbit Polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	FOLR1
<b>Alternative Names</b>	FOLR1; FOLR; Folate receptor alpha; FR-alpha; Adult folate-binding protein; FBP; Folate receptor 1; Folate receptor; adult; KB cells FBP; Ovarian tumor-associated antigen MOv18
<b>Gene ID</b>	2348.0
<b>SwissProt ID</b>	P15328.The antiserum was produced against synthesized peptide derived from human FOLR1. AA range:41-90

## Application

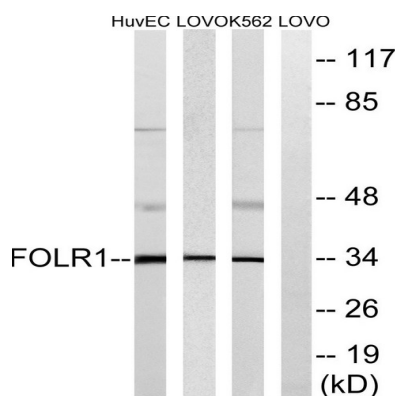
<b>Dilution Ratio</b>	WB 1:500 - 1:2000. ELISA: 1:5000.
<b>Molecular Weight</b>	34kD

## Background

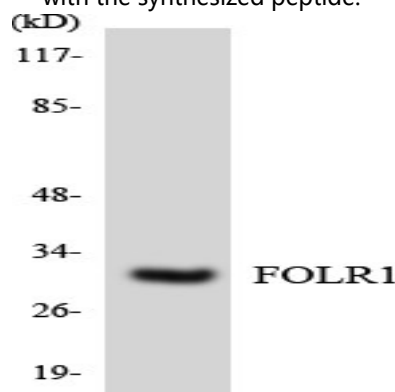
The protein encoded by this gene is a member of the folate receptor family. Members of this gene family bind folic acid and its reduced derivatives, and transport 5-methyltetrahydrofolate into cells. This gene product is a secreted protein that either anchors to membranes via a glycosyl-phosphatidylinositol 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. [provided by RefSeq, Oct 2009],function: Binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate to the interior of cells.,PTM: Eight disulfide bonds are present.,PTM: The secreted form is derived from the membrane-bound form either by cleavage of the GPI anchor, or/and by proteolysis catalyzed by a metalloprotease.,similarity: Belongs to the folate receptor family.,tissue specificity: Exclusively expressed in tissues of epithelial origin. Expression is increased in malignant tissues. Expressed in kidney, lung and cerebellum.,

## Research Area

## Image Data



Western blot analysis of lysates from K562, LOVO, and HUVEC cells, using FOLR1 Antibody. The lane on the right is blocked with the synthesized peptide.



**Product Name: FR- $\alpha$  Rabbit Polyclonal Antibody**  
**Catalog #: APRab11161**



---

Western blot analysis of the lysates from HepG2 cells using FOLR1 antibody.

**Note**

For research use only.