

**FR- $\alpha$  rabbit pAb****Cat#: orb768223 (Manual)**

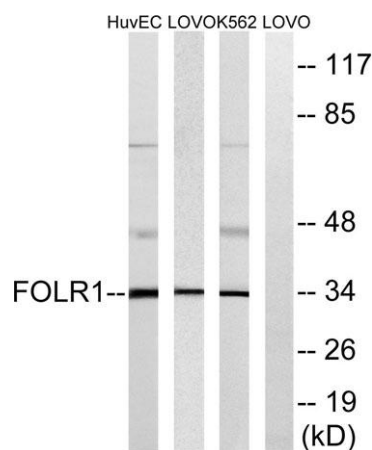
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<b>Product Name</b>	FR- $\alpha$ rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human FOLR1. AA range:41-90
<b>Specificity</b>	FR- $\alpha$ Polyclonal Antibody detects endogenous levels of FR- $\alpha$ protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Folate receptor alpha
<b>Gene Name</b>	FOLR1
<b>Cellular localization</b>	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 . Endocytosed
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

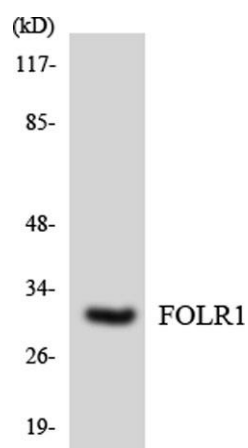
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	34kD
<b>Human Gene ID</b>	2348
<b>Human Swiss-Prot Number</b>	P15328
<b>Alternative Names</b>	FOLR1; FOLR; Folate receptor alpha; FR-alpha; Adult folate-binding protein; FBP; Folate receptor 1; Folate receptor; adult; KB cells FBP; Ovarian tumor-associated antigen MOv18

### 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],



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.



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