

For Research Use Only

FOLR1 Polyclonal antibody

Catalog Number: 29472-1-AP



Basic Information

Catalog Number: 29472-1-AP	GenBank Accession Number: BC002947	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 2348	Recommended Dilutions: WB 1:2000-1:10000
Source: Rabbit	UNIPROT ID: P15328	
Isotype: IgG	Full Name: folate receptor 1 (adult)	
	Calculated MW: 257 aa, 30 kDa	
	Observed MW: 36-38 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, mouse kidney tissue, rat kidney tissue
Species Specificity: Human, Mouse, Rat	

Background Information

Folate receptor 1 (FOLR1), also known as folate receptor alpha or adult folate-binding protein (FBP), is a 38-kDa glycoprotein belonging to the folate receptor family (PMID:15094207; 23528302). The receptor binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate to the interior of cells. FOLR1 is a secreted protein that either anchors to membranes via a glycosyl-phosphatidylinositol linkage or exists in a soluble form. FOLR1 expression is often limited to the apical surfaces of epithelium in the lung, kidney and choroid plexus but is differentially overexpressed in a variety of solid tumors such as ovarian cancer, non-small cell lung cancer, breast cancer, kidney cancer and high-grade osteosarcoma (PMID: 23528302; 23357463).

Storage

Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

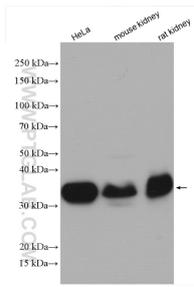
For technical support and original validation data for this product please contact:

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 29472-1-AP (FOLR1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.