

For Research Use Only

FOLR1 Polyclonal antibody

Catalog Number: 29472-1-AP



Basic Information

Catalog Number:

29472-1-AP

Size:

150ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC002947

GeneID (NCBI):

2348

UNIPROT ID:

P15328

Full Name:

folate receptor 1 (adult)

Calculated MW:

257 aa, 30 kDa

Observed MW:

36-38 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, Mouse, Rat

Positive Controls:

WB : HeLa cells, mouse kidney tissue, rat kidney tissue

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:

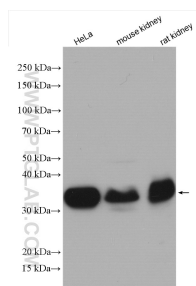
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E: proteintech@ptglab.com

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.