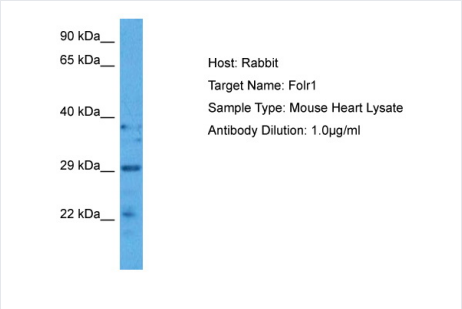
FOLR1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FOLR1, Polyclonal Antibody
Full Product Name	FOLR1 Antibody-middle region
Product Gene Name	anti-FOLR1 antibody
Product Synonym Names	folate receptor alpha; FBP1; Folbp1; Folbp-1
Immunogen Sequence	LYRFNWNHCG TMTSECKRHF IQDTCLYECS PNLGPWIQQV DQSWRKERIL
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Affinity Purified
Concentration	Batch dependent within range: 100ul at 0.5-1mg/ml (lot specific)
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	FOLR1 peptide (MBS3249458) is used for blocking the activity of FOLR1 antibody (MBS3249784)
Molecular Weight	28kDa
3D Structure	ModBase 3D Structure for P35846
Protein Size	255 amino acids
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of mouse FOLR1
Applications Tested/Suitable for anti-FOLR1 antibody	Western Blot (WB)
Related Product Information for anti-FOLR1 antibody	Description of Target: Binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate and folate analogs into the interior of cells. Has high affinity for folate and folic acid analogs at neutral pH. Exposure to slightly acidic pH after receptor endocytosis triggers a conformation change that strongly reduces its affinity for folates and mediates their release. Required for normal embryonic development and normal cell proliferation. Required for renal folate reabsorption.
Other Notes	Small volumes of anti-FOLR1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FOLR1 purchase	MBS3249784 is an antibody targeting FOLR1. Also known as FOLR1 Antibody-middle region. Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-FOLR1 antibody
Host: RabbitTarget Name: FOLR1Sample Tissue: Mouse Heart lysatesAntibody Dilution: 1ug/ml

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FOLR1. It may not necessarily be applicable to this product.

NCBI GeneID	14275
NCBI Accession #	NM_001252552.1
UniProt Primary Accession #	P35846
UniProt Related Accession #	NP_001239481.1
UniProt Protein Name	Folate receptor alpha
UniProt Synonym Protein Names	Folate receptor 1; Folate-binding protein 1
Protein Family	Folate receptor
UniProt Gene Name	Folr1
UniProt Synonym Gene Names	Fbp1; Folbp1; FR-alpha
UniProt Entry Name	FOLR1_MOUSE
UniProt Comments for FOLR1	FOLR1: Binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate to the interior of cells. Defects in FOLR1 are the cause of neurodegeneration due to cerebral folate transport deficiency (NCFTD). NCFTD is an autosomal recessive disorder resulting from brain- specific folate deficiency early in life. Onset is apparent in late infancy with severe developmental regression, movement disturbances, epilepsy, and leukodystrophy. Recognition and diagnosis of this disorder is critical because folinic acid therapy can reverse the clinical symptoms and improve brain abnormalities and function. Belongs to the folate receptor family. Protein type: Membrane protein, GPI anchor Cellular Component: anchored to external side of plasma membrane; anchored to plasma membrane; cell surface; membrane; cell; brush border membrane; extracellular region; plasma membrane; intracellular; cytoplasmic vesicle; brush border; endosome Molecular Function: folic acid transporter activity; receptor activity; folic acid binding Biological Process: transport; folic acid metabolic process; posttranslational protein targeting to membrane; folic acid transport
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