FOLR1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FOLR1, Polyclonal Antibody
Full Product Name	FOLR1 Polyclonal Antibody
Product Gene Name	anti-FOLR1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	29kDa
OMIM	136430
3D Structure	ModBase 3D Structure for P15328
Immunogen	Recombinant protein of human FOLR1
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FOLR1 antibody	Western Blot (WB)
Application Notes for anti-FOLR1 antibody	WB: 1:500-1:2000
Related Product Information for anti-FOLR1 antibody	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.
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	MBS8570351 is an antibody targeting FOLR1. Also known as FOLR1 Polyclonal Antibody. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	4758400
NCBI GeneID	2348
NCBI Accession #	NP_000793.1

UniProt Primary Accession #	P15328
UniProt Related Accession #	P15328
GenBank Nucleotide #	NP_000793.1
NCBI Official Full Name	folate receptor alpha
NCBI Official Synonym Full Names	folate receptor alpha
NCBI Official Symbol	FOLR1
NCBI Official Synonym Symbols	FBP; FOLR; FRalpha
UniProt Protein Name	Folate receptor alpha
UniProt Synonym Protein Names	Adult folate-binding protein; FBP; Folate receptor 1; Folate receptor, adult; KB cells FBP; Ovarian tumor-associated antigen MOv18
Protein Family	Folate receptor
UniProt Gene Name	FOLR1
UniProt Synonym Gene Names	FOLR; FR-alpha; FBP
UniProt Entry Name	FOLR1_HUMAN
NCBI Protein Information	folate receptor alpha
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 Chromosomal Location of Human Ortholog: 11q13.3-q14.1 Cellular Component: anchored to external side of plasma membrane; cell surface; membrane; clathrin-coated vesicle; brush border membrane; integral to plasma membrane; apical plasma membrane; plasma membrane; endosome Molecular Function: folic acid transporter activity; receptor activity; folic acid binding Biological Process: receptor-mediated endocytosis; folic acid metabolic process; folic acid transport Disease: Neurodegeneration Due To Cerebral Folate Transport Deficiency
Research Articles on FOLR1	**1.** Folate Receptor Alpha Expression in Platinum Resistant/Refractory Ovarian Carcinomas and Primary Endocervical Adenocarcinomas.
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