

Rabbit anti-Human, mouse FOLR2 Polyclonal Antibody | anti-FOLR2 antibody

FOLR2 Antibody (N-term)

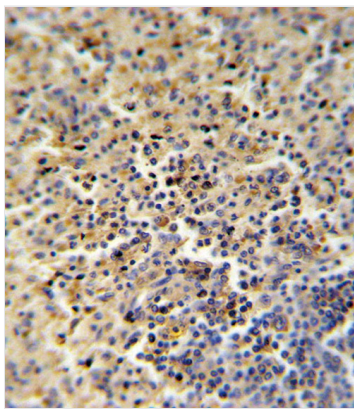
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28783	Rabbit	Human, mouse	Western Blot, ELISA, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

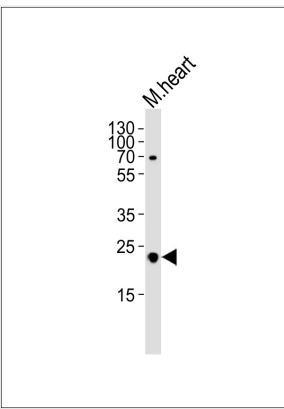
FOLR2; Polyclonal Antibody; FOLR2 Antibody (N-term); Folate receptor beta; FR-beta; Folate receptor 2; Folate receptor; fetal/placental; Placental folate-binding protein; FBP; anti-FOLR2 antibody

PRODUCT SPECIFICATIONS

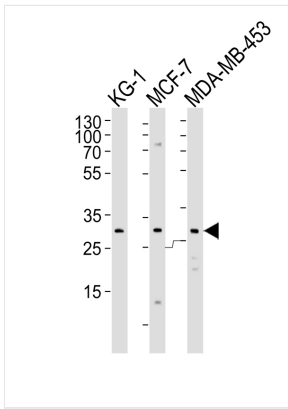
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FOLR2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 18-46 amino acids from the N-terminal region of human FOLR2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	18-46
Sequence Length	255
Applicable Applications for anti-FOLR2 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB~~1:1000
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



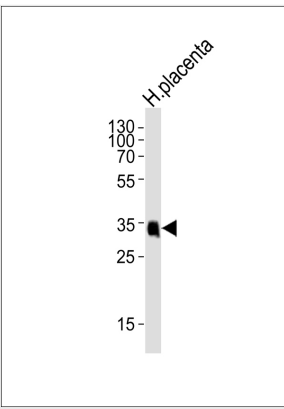
WB (Western Blot)
FOLR2 Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded human spleen followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FOLR2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



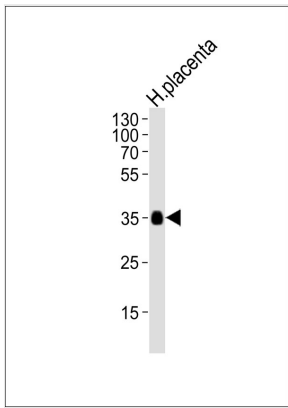
WB (Western Blot)
Western blot analysis of lysate from mouse heart tissue lysate, using FOLR2 Antibody (N-term). AAA28783 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



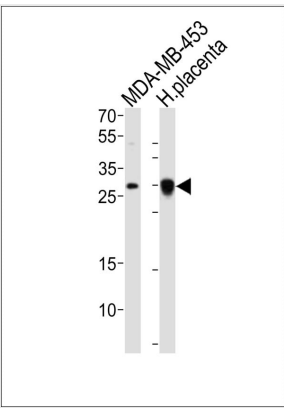
WB (Western Blot)
Western blot analysis of lysates from KG-1, MCF-7, MDA-MB-453 cell line (from left to right), using FOLR2 Antibody (N-term). AAA28783 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



WB (Western Blot)
Western blot analysis of lysate from human placenta tissue lysate, using FOLR2 Antibody (N-term). AAA28783 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.



WB (Western Blot)
Western blot analysis of lysate from human placenta tissue lysate, using FOLR2 Antibody (N-term). AAA28783 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 35ug.



WB (Western Blot)
Western blot analysis of lysates from MDA-MB-453 cell line, human placenta tissue lysate (from left to right), using FOLR2 Antibody (N-term). AAA28783 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-FOLR2 antibody	FOLR2 is a member of the folate receptor (FOLR) family, and these genes exist in a cluster on chromosome 11. Members of this gene family have a high affinity for folic acid and for several reduced folic acid derivatives, and they mediate delivery of 5-methyltetrahydrofolate to the interior of cells. This protein has a 68% and 79% sequence homology with the FOLR1 and FOLR3 proteins, respectively. Although this protein was originally thought to be specific to placenta, it can also exist in other tissues, and it may play a role in the transport of methotrexate in synovial macrophages in rheumatoid arthritis patients.
Product Categories/Family for anti-FOLR2 antibody	Cardiovascular ; Immunology ; Metabolism ; Signal transduction
References	Puig-Kroger, A., et al. Cancer Res. 69(24):9395-9403(2009) Boyles, A.L., et al. Genet. Epidemiol. 33(3):247-255(2009) Franke, B., et al. Birth Defects Res. Part A Clin. Mol. Teratol. 85(3):216-226(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	166064050
NCBI GeneID	2350
NCBI Accession #	NP_000794.3 ; NP_001107006.1 ; NP_001107007.1 ; NP_001107008.1
NCBI GenBank Nucleotide #	NM_000803.4
UniProt Accession #	P14207 ; Q05CA5 ; Q6GTE8
Molecular Weight	29280
NCBI Official Full Name	folate receptor beta
NCBI Official Synonym Full Names	folate receptor 2 (fetal)
NCBI Official Symbol	FOLR2
NCBI Official Synonym Symbols	FBP; FR-P3; FR-BETA; BETA-HFR; FBP/PL-1
NCBI Protein Information	folate receptor beta
UniProt Protein Name	Folate receptor beta
UniProt Gene Name	FOLR2
UniProt Synonym Gene Names	FR-beta; FBP
UniProt Entry Name	FOLR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.