

Rabbit FOLR2 Polyclonal Antibody | anti-FOLR2 antibody

FOLR2 Antibody - C-terminal region

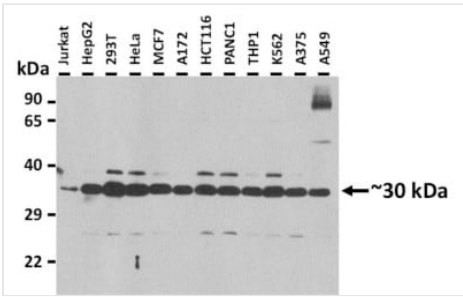
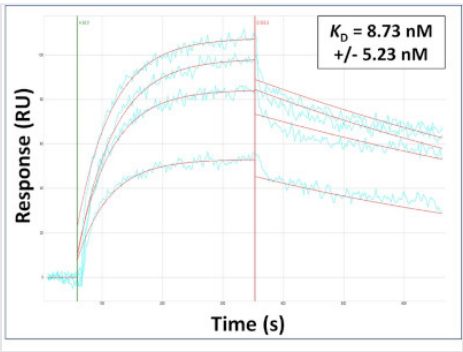
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201356	Rabbit	Tested: Human Predicted: Cow, Dog, Guinea Pig, Horse, Mouse, Pig, Rabbit, Rat	Western Blot

PRODUCT SYNONYMS

FOLR2; Polyclonal Antibody; FOLR2 Antibody - C-terminal region; anti-FOLR2 antibody

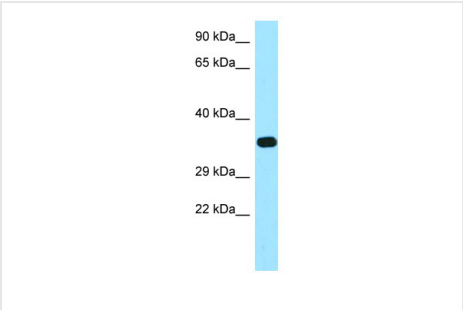
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human Predicted: Cow, Dog, Guinea Pig, Horse, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide located within the following region: LC EGLWSHSYKV SNYSRGSGRG IQMWFDQAQG NPNEEVARFY AAAMHVNA
Sequence Length	272
Applicable Applications for anti-FOLR2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human FOLR2
Protein Size (#AA)	272 amino acids
Preparation and Storage	Store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
25 ug of the indicated whole cell extracts was loaded onto a 12% SDS-PAGE gel. 3 ug/mL of the antibody was used in this experiment. Recommended dilution for antibody is 1-3 ug/mL. Multiple isoforms of this protein are known and several share the peptide sequence.

Application Data
Surface Plasmon Resonance Kinetic Characterization of Polyclonal Antibody Affinity. Purified polyclonal antibodies were immobilized on a Protein A/G coated Carterra LSA sensor chip (PAGH200M) at concentrations of 5, and 50 ug/mL in duplicate. Antibodies on the surface were exposed to interaction with peptides sequentially via microfluidic controlled flow at 333nM peptide concentration for kinetic characterization of the binders for affinity and specificity, followed by curve fitting using the Kinetics software. Kd determinations for both concentrations were averaged and results and standard deviation are shown.



WB (Western Blot)
WB Suggested Anti-FOLR2 Antibody/Titration: 1.0 ug/ml Positive Control: MCF7 Whole Cell FOLR2 is supported by BioGPS gene expression data to be expressed in MCF7

ADDITIONAL INFORMATION

Related Product Information for anti-FOLR2 antibody	This is a rabbit polyclonal antibody against FOLR2. It was validated on Western Blot Target Description: The protein encoded by this gene 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. Multiple transcript variants that encode the same protein have been found for this gene.
Product Categories/Family for anti-FOLR2 antibody	Polyclonal; Signaling Intermediate; Membrane & Traffic; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	166064050
NCBI GeneID	2350
NCBI Accession #	NP_000794
NCBI GenBank Nucleotide #	NM_000803
UniProt Accession #	P14207

Molecular Weight	31kDa
NCBI Official Full Name	folate receptor beta
NCBI Official Synonym Full Names	folate receptor beta
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

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/folr2-antibody-western-blot-elisa/201356>