

FOLR1 Antibody

Catalog No: #34683

Package Size: #34683-1 50ul #34683-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	FOLR1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total FOLR1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human FOLR1.
Target Name	FOLR1
Other Names	Folate receptor alpha; FR-alpha; Folate receptor 1; Folate receptor; adult
Accession No.	Swiss-Prot: P15328NCBI Gene ID: 2348
Uniprot	P15328
GeneID	2348;
SDS-PAGE MW	34kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

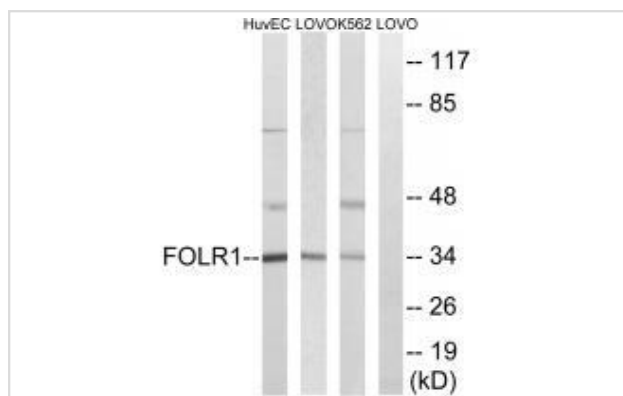
Application Details

Western blotting: 1:500~1:3000

IF 1:100-1:500

IHC 1:50-1:200

Images



Western blot analysis of extracts from HUVEC cells, LOVO cells and K562 cells, using FOLR1 antibody #34683.

Background

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.

Elwood P.C., J. Biol. Chem. 264:14893-14901(1989).

Lacey S.W., J. Clin. Invest. 84:715-720(1989).

Campbell I.G., Cancer Res. 51:5329-5338(1991).

Note: This product is for in vitro research use only