

Goat anti-SLC19A1 / RFC1 (mouse) Antibody

Item Number	dAP-2396
Target Molecule	Principle Name: SLC19A1 / RFC1 (mouse); Official Symbol: Slc19a1; All Names and Symbols: Slc19a1; solute carrier family 19 (folate transporter), member 1; A1323572; RFC; RFC-1; RFC1; IFC-1; OTTMUSP00000045639; OTTMUSP00000045641; folate transporter 1; intestinal folate carrier 1; intestinal folate carrier protein; reduced folate carrier 1; so; Accession Number (s): NP_112473.1; Human Gene ID (s) ; Non-Human GeneID(s): 20509 (mouse) 29723 (rat)
Immunogen	KQAYEPRQDHELK, is from N Terminus
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 65kDa and 26kDa in Mouse Skin lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size
IHC	
Reference	Reference(s): Adjei AA, Salavaggione OE, Mandrekar SJ, Dy GK, Ziegler KL, Endo C, Molina JR, Schild SE, Adjei AA. Correlation between polymorphisms of the reduced folate carrier gene (SLC19A1) and survival after pemetrexed-based therapy in non small cell lung cancer: a North Central Cancer Treatment

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**