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EB10945 - Goat Anti-SLC19A1 / RFC1 (mouse) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: Slc19a1, solute carrier family 19 (folate transporter), member 1, AI323572, RFC, RFC-1, RFC1, IFC-1, OTTMUSP00000045639, OTTMUSP00000045641, folate transporter 1, intestinal folate carrier 1, intestinal folate carrier protein, reduced folate carrier 1, solute carrier family 19 member 1
Official Symbol: Slc19a1
Accession Number(s): NP_112473.1
Non-Human GeneID(s): 20509 (mouse), 29723 (rat)

Immunogen

Peptide with sequence KQAYEEPRQDHELK-C, from the N Terminus of the protein sequence according to NP_112473.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.
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 of 58.2kDa according to NP_112473.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:
Expected from sequence similarity: Mouse, Rat