

Goat anti-SLC40A1 (aa245-259) Antibody

Item Number	dAP-3217
Target Molecule	Principle Name: SLC40A1 (aa245-259); Official Symbol: SLC40A1; All Names and Symbols: SLC40A1; solute carrier family 40 (iron-regulated transporter), member 1; FPN1; HFE4; IREG1; MST079; MTP1; SLC11A3; iron regulated gene 1; putative ferroportin 1 variant IIIB; solute carrier family 11 (proton-coupled divalent metal ion transporters), memb; Accession Number (s): NP_055400.1; Human Gene ID(s): 30061; Non-Human GeneID(s):
Immunogen	ELKQLNLHKDTEPKP, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
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: Approx 55kDa band observed in Human Breast cancer lysates (calculated MW of 62.5kDa according to NP_055400.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Qiao B, Sugianto P, Fung E, Del-Castillo-Rueda A, Moran-Jimenez MJ, Ganz T, Nemeth E. Hepcidin-induced endocytosis of ferroportin is dependent on ferroportin ubiquitination. Cell metabolism 2012 Jun 15 (6): 918-24..PMID: 22682227->

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**