Goat anti-SLC22A17 Antibody

Item Number	dAP-1559
Target Molecule	Principle Name: SLC22A17; Official Symbol: SLC22A17; All Names and Symbols: SLC22A17; solute carrier family 22, member 17; BOCT; BOIT; NGALR; hBOIT; NGAL receptor; neutrophil gelatinase-associated lipocalin receptor; potent brain type organic ion transporter; solute carrier family 22 (organic cation transporter), member 17; Accession Number (s): NP_065105.2; NP_057693.3; Human Gene ID(s): 51310; Non-Human GeneID(s): 59049 (mouse) 305886 (rat)
Immunogen	PETKRKLLPEVLRD, is from internal region This antibody is expected to recognize both reported isoforms NP_065105.2 and NP_057693.3).
Applications	Pep ELISA, IHC 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; Reconsititute 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 64000.
Western Blot	Western Blot: Preliminary experiments gave an approx 150kDa band in Human Cerebellum lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of
IHC	Immunohistochemistry: Paraffin embedded Human Brain (Cortex and Cerebellum). Recommended concentration: 2µg/ml.
Reference	Reference(s): Devireddy LR, Gazin C, Zhu X, Green MR. A cell-surface receptor for lipocalin 24p3 selectively mediates apoptosis and iron uptake. Cell. 2005 Dec 29;123(7):1293-305..PMID: 16377569->

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