

Goat anti-SIDT1 (aa334-347) Antibody

Item Number	dAP-2491
Target Molecule	Principle Name: SIDT1 (aa334-347); Official Symbol: SIDT1; All Names and Symbols: SIDT1; SID1 trans-membrane family, member 1; B830021E24Rik; FLJ20174; SID-1; SID1; SID1 transmembrane family member 1; Accession Number (s): NP_060169.2; Human Gene ID(s): 54847; Non-Human GeneID(s): 320007 (mouse) 288109 (rat)
Immunogen	RFQRKSIDGSFGSN, is from internal region
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat
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 32000.
Western Blot	Western Blot: Approx 100kDa band observed in Human Brain (Cerebellum) lysates and in Human, Mouse and Rat lymphoid tissues (calculated MW of 93.8kDa according to NP_060169.2). Recommended concentration: 0.3-1μg/ml.
IHC	
Reference	Reference(s): Duxbury MS, Ashley SW, Whang EE. RNA interference: a mammalian SID-1 homologue enhances siRNA uptake and gene silencing efficacy in human cells. <i>Biochem Biophys Res Commun.</i> 2005 Jun 3;331(2):459-63.. PMID: 15850781->

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 end users! This product is sold for **Research Use Only**