

## Goat anti-SIDT1 Antibody

<b>Item Number</b>	dAP-1383
<b>Target Molecule</b>	Principle Name: SIDT1; Official Symbol: SIDT1; All Names and Symbols: SIDT1; SID1 transmembrane family, member 1; B830021E24Rik; FLJ20174; SID-1; SID1; Accession Number (s): NP_060169.2; Human Gene ID(s): 54847; Non-Human GenelD(s):
<b>Immunogen</b>	QEKENQTWNLQRKKNN, is from internal region
<b>Applications</b>	Pep ELISA Species Tested:
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Preliminary experiments gave an approx 50kDa band in Human Brain (Cerebellum) and Human Breast lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe give
<b>IHC</b>	
<b>Reference</b>	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. Biochem Biophys Res Commun. 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**