

Goat anti-Syntenin 2 Antibody

Item Number	dAP-0395
Target Molecule	Principle Name: Syntenin 2; Official Symbol: SDCBP2; All Names and Symbols: SDCBP2; ST-2; SITAC18; syndecan binding protein (syntenin) 2; syntenin-2; FLJ12256; OTTHUMP00000029961; OTTHUMP00000029964; syndecan binding protein 2; Accession Number (s): NP_056500.3; NP_536737.3; Human Gene ID(s): 27111; Non-Human GeneID(s): 228765 (mouse)
Immunogen	LLHHTMDHSIPDA, is from C Terminus This antibody is expected to recognise both human isoforms (NP_056500; NP_536737).
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; 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 16000.
Western Blot	Western Blot: Preliminary experiments gave no signal but low background in Human Brain and Liver lysates at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?
IHC	Immunohistochemistry: In paraffin embedded Human Liver shows staining of cytoplasm in hepatocytes. Recommended concentration, 4-6µg/ml.

Reference	Reference(s): Koroll M, Rathjen FG, Volkmer H. The neural cell recognition molecule neurofascin interacts with syntenin-1 but not with syntenin-2, both of which reveal self-associating activity. J Biol Chem. 2001 Apr 6;276(14):10646-54..PMID: 11152476 ->
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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**