Goat anti-Syntenin / SDCBP Antibody

Item Number	dAP-0942
Target Molecule	Principle Name: Syntenin / SDCBP; Official Symbol: SDCBP; All Names and Symbols: SDCBP; Syntenin; syndecan binding protein (syntenin); MDA-9; ST1; SYCL; TACIP18 ; melanoma differentiation associated protein-9; pro-TGF-alpha cytoplasmic domain-interacting protein 18; scaffold protein Pbp1 syntenin; Accession Number (s): NP_005616.2; NP_001007068.1; NP_001007069; NP_001007070.1; NP_001007071.1; Human Gene ID(s): 6386; Non-Human GeneID(s): 53378 (mouse) 83841 (rat)
Immunogen	SLEDLKVDKVIQAQ, is from N Terminus This antibody is expected to recognise isoform 1 (NP_005616.2 and NP_001007068.1) and isoform 3 (NP_001007070.1and NP_001007071.1) only.
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; 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 128000.
Western Blot	Western Blot: Approx 28-30kDa band observed in lysates of cell lines HEK293 and A431 (calculated MW of 32.4kDa according to NP_005616.2 and NP_001007068.1 and of 32.3kDa according to NP_001007070.1 and NP_001007071.1). Recommended concentration: 0.01-0.
IHC	
Reference	Reference(s): Latysheva N, Muratov G, Rajesh S, Padgett M, Hotchin NA, Overduin M, Berditchevski F. Syntenin-1 is a new component of tetraspanin-enriched microdomains: mechanisms and consequences of the interaction of syntenin-1 with CD63. Mol Cell Biol. 2006 Aug 14; [Epub ahead of print] .PMID: 16908530

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