

Goat anti-SORBS1/ponsin (internal region) Antibody

Item Number	dAP-1087
Target Molecule	Principle Name: SORBS1/ponsin (internal region); Official Symbol: SORBS1; All Names and Symbols: SORBS1; sorbin and SH3 domain containing 1; CAP; DKFZp451C066; DKFZp586P1422; FLAF2; FLJ12406; KIAA1296; R85FL; SH3D5; SH3P12; SORB1 ; Fas-ligand associated factor 2; SH3-domain protein 5; SH3-domain protein 5 (ponsin); c-Cbl associated protein; ponsin; Accession Number (s): NP_006425.2; NP_056200.1; NP_001030126.1; NP_001030127.1; NP_001030128.1; NP_079267.1;
Immunogen	SERNDWEPPDKKVD, is from internal region This antibody is expected to recognise all reported isoforms (NP_006425.2 and NP_056200.1 and NP_001030126.1 and NP_001030127.1 and NP_001030128.1 and NP_079267.1 and NP_001030129.1)
Applications	Pep ELISA Species Tested:
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: Preliminary experiments gave an approx 65kDa band in Human Adipose lysates after 0.3µg/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 76.
IHC	
Reference	Reference(s): Baumann CA, Ribon V, Kanzaki M, Thurmond DC, Mora S, Shigematsu S, Bickel PE, Pessin JE, Saltiel AR. CAP defines a second signalling pathway required for insulin-stimulated glucose transport. Nature. 2000 Sep 14;407(6801):202-7. .PMID: 11001060 ->

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**