

Goat anti-DSS1 / SHFM1 Antibody

Item Number	dAP-0253
Target Molecule	Principle Name: DSS1 / SHFM1; Official Symbol: SHFM1; All Names and Symbols: SHFM1; split hand/foot malformation (ectrodactyly) type 1; DSS1; Deleted in split-hand/split-foot 1 region; ECD; SEM1; SHFD1; SHSF1; Shfdg1; candidate for split hand/foot malformation type 1; deleted in split-hand/foot 1; deleted in split-hand/split-foot ; Accession Number (s): NP_006295.1; Human Gene ID(s): 7979; Non-Human GeneID (s): 20422 (mouse)
Immunogen	RAELEKHGYKMETS, is from C Terminus
Applications	Pep ELISA, ICC 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: No signal obtained yet but a preliminary experiment showed low background in Human Liver extract at up to 1µg/ml. This used our standard western blotting protocol which we would not expect to detect proteins as small as the predicted size
IHC	

Reference	Reference(s): Wei SJ, Trempus CS, Cannon RE, Bortner CD, Tennant RW. Identification of Dss1 as a 12-O-Tetradecanoylphorbol-13-acetate-responsive Gene Expressed in Keratinocyte Progenitor Cells, with Possible Involvement in Early Skin Tumorigenesis. J Biol Chem. 2003 Jan 17;278(3):1758-68..PMID:
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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**