

## DSS1 Antibody

*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 1*

**CATALOG NO.: 45-500**

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

DSS1 Antibody.

**SOURCE:**

DSS1 antibody was raised against a synthetic peptide of DSS1.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_006295.1

**SPECIES REACTIVITY:**

Human, Mouse

**TESTED APPLICATION:**

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**APPLICATION:**

Peptide ELISA: antibody detection limit dilution >1:32,000.  
Western Blot: No signal obtained yet but a preliminary experiment showed low background in Human Liver extract at up to 1 µg/ml. This used our standard western blotting protocol which we would not expect to detect proteins as small as the predicted size of approx. 8KDa according to NP\_006295.

**PURIFICATION:**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**BUFFER:**

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**STORAGE:**

Aliquot and store at -20°C. Minimize freezing and thawing.

**REFERENCE:**

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

**USER NOTES:**

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.