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EB06156 - Goat Anti-DSS1 / SHFM1 Antibody

split-hand/split-foot 1, split hand/foot malformation type 1

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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

Official Symbol: SEM1

Accession Number(s): NP_006295.1

Human GeneID(s): 7979

Non-Human GenelD(s): 20422 (mouse)

Immunogen

Peptide with sequence C-RAELEKHGYKMETS, from the C Terminus of the protein sequence according to NP_006295.1.

Please note the peptide is available for sale.

Purification and Storage

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

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

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 of approx. 8KDa according to NP_006295. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Immunocytochemistry: Anonymous customer found nuclear staining in HT1080.

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Dog, Cow, Pig