

Rabbit Anti-SHFM1/DSS1/AP Conjugated antibody

SL14432R-AP

Product Name	Anti-SHFM1/DSS1/AP
Chinese Name	碱性磷酸酶（AP）标记的先天性裂手/裂足畸形相关蛋白 DSS1 抗体
Alias	26S proteasome complex subunit DSS1; Deleted in split hand/split foot 1; Deleted in Split-Hand/Split-Foot 1 region; ECD; SEM1; SHFD1; DSS1_HUMAN; SHFM1; SHSF1; Split hand/foot deleted protein 1; Split hand/foot malformation (ectrodactyly) type 1; Split hand/foot malformation type 1 protein.
Research Area	Cell biology Developmental biology Cyclin Ubiquitin
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Human(predicted:Pig,Cow,Rabbit) IHC-P=1:100-500,IHC-F=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	8.3kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human DSS1
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: The product of this gene has been localized within the split hand/split foot malformation locus SHFM1 at chromosome 7. It has been proposed to be a

candidate gene for the autosomal dominant form of the heterogeneous limb developmental disorder split hand/split foot malformation type 1. In addition, it has been shown to directly interact with BRCA2. It also may play a role in the completion of the cell cycle. [provided by RefSeq, Jul 2008]

Function:

The gene for DSS1 has been localized within the split hand/split foot malformation locus SHFM1 at chromosome 7. DSS1 has been proposed to be a candidate for the autosomal dominant form of the heterogeneous limb developmental disorder split hand/split foot malformation type 1. In addition, it has been shown to directly interact with BRCA2. It also may play a role in the completion of the cell cycle.

Subunit:

Part of the 26S proteasome. Interacts with the C-terminal of BRCA2.

Tissue Specificity:

Expressed in limb bud, craniofacial primordial and skin.

Similarity:

Belongs to the DSS1/SEM1 family.

Database links:

[Entrez Gene: 7979](#) Human

[Omim: 601285](#) Human

[SwissProt: P60896](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.