SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-DSS1 antibody

Catalog Number: SL14432R

FOR RESEARCH USE ONLY

[DATASHEET]

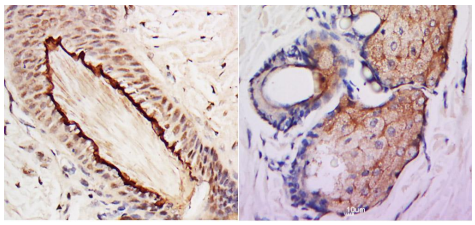
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DSS1
Immunogen:	KLH conjugated synthetic peptide derived from human DSS1: 1-70/70
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Pig,Cow,Rabbit)
Predicted MW.:	8.3kDa
Subcellular Location:	The nucleus cytoplasmic
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.

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

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	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

[VALIDATION IMAGES]



Tissue/cell: human skin tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-DSS1 Polyclonal Antibody, Unconjugated(SL14432R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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