

Rabbit anti-Human, Mouse DSP Polyclonal Antibody | anti-DSP antibody

DSP Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280416	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

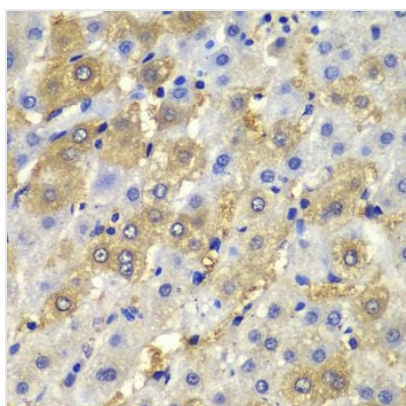
PRODUCT SYNONYMS

DSP; Polyclonal Antibody; DSP Polyclonal Antibody; anti-DSP antibody

PRODUCT SPECIFICATIONS

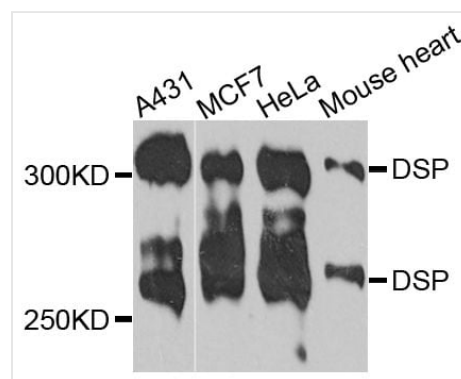
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Desmoplakin1 and Desmoplakin2
Purity/Purification	Affinity Purification
Sequence Length	2272
Applicable Applications for anti-DSP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Route	Synthetic Peptide
Immunogen	A synthetic peptide of human DSP
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver injury using DSP antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using DSP antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-DSP antibody	Desmosomes are intercellular junctions that tightly link adjacent cells. Desmoplakin is an obligate component of functional desmosomes that anchors intermediate filaments to desmosomal plaques. The N-terminus of desmoplakin is required for localization to the desmosome and interacts with the N-terminal region of plakophilin 1 and plakoglobin. The C-terminus of desmoplakin binds with intermediate filaments. In the mid-region of desmoplakin, a coiled-coiled rod domain is responsible for homodimerization. Mutations in this gene are the cause of several cardiomyopathies and keratodermas as well as the autoimmune disease paraneoplastic pemphigus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	58530842
NCBI GeneID	1832
NCBI Accession #	NP_001008844.1
NCBI GenBank Nucleotide #	NM_001008844.1
UniProt Accession #	P15924; O75993; Q14189; Q9UHN4; B2RTT2; D7RX09
Molecular Weight	332kDa
NCBI Official Full Name	desmoplakin isoform II
NCBI Official Synonym Full Names	desmoplakin
NCBI Official Symbol	DSP
NCBI Official Synonym Symbols	DP; DPI; DPII; DCWHKTA
NCBI Protein Information	desmoplakin
UniProt Protein Name	Desmoplakin
UniProt Gene Name	DSP
UniProt Synonym Gene Names	DP
UniProt Entry Name	DESP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/dsp-antibody-immunohistochemistry-western-blot-elisa/280416>