

Rabbit anti-Human DSPP Polyclonal Antibody | anti-DSPP antibody

DSPP Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283291	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

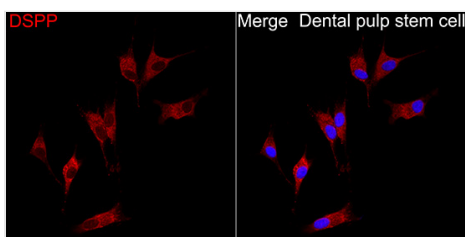
PRODUCT SYNONYMS

DSPP; Polyclonal Antibody; DSPP Rabbit pAb; DPP; DSP; DGI1; DMP3; DFNA39; anti-DSPP antibody

PRODUCT SPECIFICATIONS

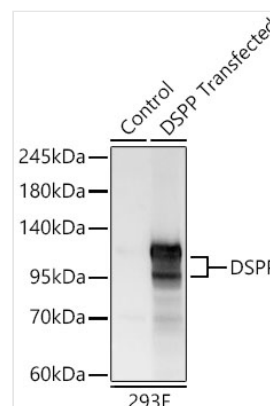
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	IPVPQSKPLE RHVEKSMNLH LLARSNVSVQ DELNASGTIK ESGVLVHEGD RGRQENTQDG HKGEGNGSKW AEVGGKSFST YSTLANEEGN IEGWNGDTGK AETYGHDGIH GKEENITANG IQGQVSIIDN AGATNRSNTN GNTDKNTQNG DVG DAGHNED VAVVQEDGPQ VAGSNNSTDN EDEIENSCR NEGNTSEITP QINSKRNGTK EAEVT
Applicable Applications for anti-DSPP antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant Protein corresponding to a sequence within amino acids 16-230 of human DSPP(NP_055023.2-).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of Dental pulp stem cell using DSPP Rabbit pAb (AAA283291) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of lysates from wild type (WT) and 293F cells transfected with DSPP using DSPP Rabbit pAb (AAA283291) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 40.5 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-DSPP antibody	This gene encodes a member of the small integrin-binding ligand N-linked glycoprotein (SIBLING) family of proteins. The encoded preproprotein is secreted by odontoblasts and proteolytically processed to generate two principal proteins of the dentin extracellular matrix of the tooth, dentin sialoprotein and dentin phosphoprotein. These two protein products may play distinct but related roles in dentin mineralization. Mutations in this gene are associated with dentinogenesis imperfecta and dentin dysplasia. This gene is present in a gene cluster on chromosome 4. Allelic differences due to repeat polymorphisms have been found for this gene.
Product Categories/Family for anti-DSPP antibody	Signal Transduction; Cell Biology Developmental Biology; Cell Cycle; Cell differentiation; Cytoskeleton; Extracellular Matrix; Bone; Neuroscience; Calcium Signaling; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	89001107
NCBI GeneID	1834
NCBI Accession #	NP_055023.2
NCBI GenBank Nucleotide #	NM_014208.3
UniProt Accession #	Q9NZW4; O95815; A8MUI0
Molecular Weight	Calculated MW: 131kDa Observed MW: 97kDa, 131kDa
UniProt Protein Name	Dentin sialophosphoprotein
UniProt Gene Name	DSPP
UniProt Synonym Gene Names	DPP; DSP
UniProt Entry Name	DSPP_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/dspp-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/283291>