

DSPP Rabbit pAb

Catalog No.: A8413

3 Publications

Basic Information

Observed MW

110kDa

Calculated MW

131kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

1834

Swiss Prot

Q9NZW4

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 16-146 of human DSPP (NP_055023.2).

Synonyms

DPP; DSP; DGI1; DMP3; DFNA39; DSPP

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

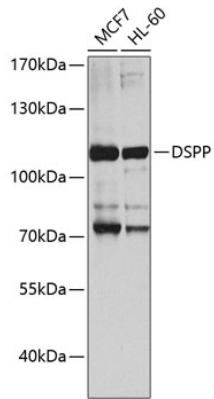
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using DSPP Rabbit pAb (A8413) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.