www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

DSPP

Reactivity: Human Mouse Rat

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:131kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human DSPP

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

DPP; DSP; DGI1; DMP3; DTDP2; DFNA39;

Catalog #:A8413

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:1834

Isotype: IgG

Swiss Prot:Q9NZW4

Purity: Affinity purification

For research use only.

Background:

This gene encodes two principal proteins of the dentin extracellular matrix of the tooth. The preproprotein is secreted by odontoblasts and cleaved into dentin sialoprotein and dentin phosphoprotein. Dentin phosphoprotein is thought to be involved in the biomineralization process of dentin. Mutations in this gene have been associated with dentinogenesis imperfecta-1; in some individuals, dentinogenesis imperfecta occurs in combination with an autosomal dominant form of deafness. Allelic differences due to repeat polymorphisms have been found for this gene.

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