

Datasheet for ABIN6571738

anti-DSPP antibody[Go to Product page](#)**1** Image

Overview

Quantity:	200 µL
Target:	DSPP
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein of human DSPP
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	DSPP
Alternative Name:	DSPP (DSPP Products)
Background:	<p>Synonyms: Dentin phosphophoryn,Dentin phosphoprotein,dentin phosphoryn ,Dentin sialophosphoprotein,Dentin sialophosphoprotein precursor ,Dentin sialoprotein,dentinogenesis imperfecta 1,DFNA39,DGI1,DMP3,DPP,DSP,Dspp,DSPP,DTDP2</p> <p>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</p>

Target Details

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.

Molecular Weight: Observed_MW: 110kDa
 Calculated_MW: 131kDa

Gene ID: 1834

UniProt: [Q9NZW4](#)

Application Details

Application Notes: WB 1:500 - 1:2000

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

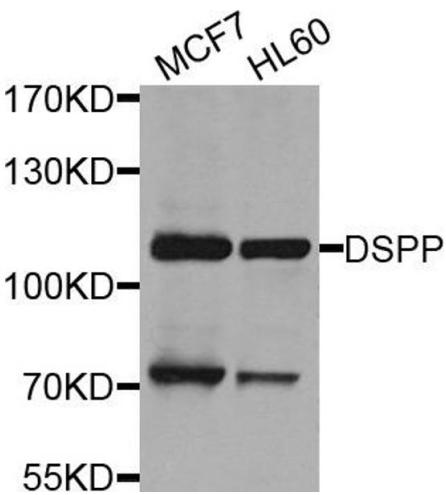
Buffer: Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using DSPP antibody.