

Product Datasheet

DSPP Antibody - Azide and BSA Free NBP2-92546-0.1ml

Unit Size: 0.1 ml

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

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Publications: 3

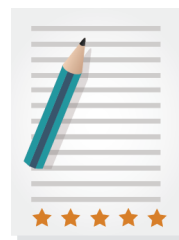
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NBP2-92546-0.1ml

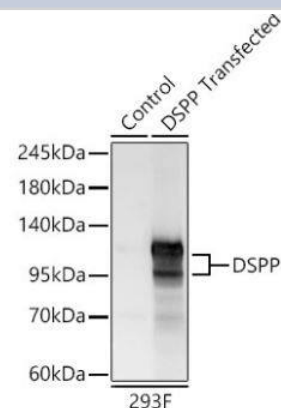
DSPP Antibody - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Proclin 300
Isotype	IgG
Purity	Affinity purified
Buffer	PBS with 50% glycerol, pH7.3.
Target Molecular Weight	131 kDa
Product Description	
Host	Rabbit
Gene ID	1834
Gene Symbol	DSPP
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in (PMID:35780838).
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 16-146 of human DSPP (NP_055023.2). IPVPQSKPLERHVEKSMNLHLLARSNVSVQDELNASGTIKESGVLVHEGDRGR QENTQDGHKGEGNGSKWAEVGGKSFSTYSTLANEEGNIEGWNGDTGKAETY GHDGIHGKEENITANGIQGQVSIIDNA
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA, Immunohistochemistry Reactivity reported in (PMID:35780838), Immunocytochemistry/ Immunofluorescence 1:50 - 1:200

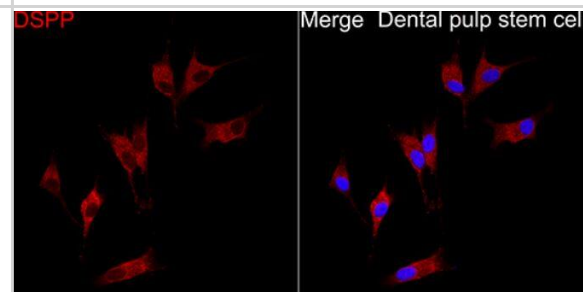


Images

Western Blot: DSPP Antibody [NBP2-92546] - Analysis of lysates from wild type (WT) and 293F cells transfected with DSPP using DSPP Rabbit pAb at 1:1000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)at 1:10000 dilution. Lysates/proteins: 40.5 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposure time: 10s.



ICC/IF:DSPP Antibody [NBP2-92546] - Analysis of Dental pulp stem cell using DSPP Rabbit pAb at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Publications

Cheng Tian, Jihua Chai, Weidong Liu, Xinye Zhang, Yashu Li, Huanyan Zuo, Guohua Yuan, Haojian Zhang, Huan Liu, Zhi Chen Role of the Demethylase AlkB Homolog H5 in the Promotion of Dentinogenesis Frontiers in Physiology 2022-06-15 [PMID: 35784864]

Zheng H, Zhang X, Fu J et al. CHIP inhibits odontoblast differentiation through promoting DLX3 polyubiquitylation and degradation Development (Cambridge, England) 2023-05-15 [PMID: 37213079]

Fu J, Zhang X, Zheng H et al. A WWP2-PTEN-KLF5 signaling axis regulates odontoblast differentiation and dentinogenesis in mice Journal of Biological Chemistry Jul 1 2022 12:00AM [PMID: 35780838] (IHC, Mouse)



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Products Related to NBP2-92546-0.1ml

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
314-BP-010	BMP-4 [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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