

Product Datasheet

DSPP Antibody NBP1-91612

Unit Size: 100 ul

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

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NBP1-91612**DSPP Antibody**

Product Information	
Unit Size	100 ul
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	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS & 2% Sucrose.

Product Description	
Host	Rabbit
Gene ID	1834
Gene Symbol	DSPP
Species	Mouse
Immunogen	Synthetic peptide directed towards the C terminal of mouse 1110051B16RIK. Peptide sequence PTTTPGEQGFHSQPPLQLLTQNRGHNPRESGGLAVPRLEDCTQVPAVNQH.
Notes	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:1000
Application Notes	This is a rabbit polyclonal antibody against 1110051B16RIK and was validated on Western blot.

Publications

Zhang Y, Zhang H, Xiao Z et al. IPO7 promotes odontoblastic differentiation and inhibits osteoblastic differentiation through regulation of RUNX2 expression and translocation Stem cells (Dayton, Ohio) 2022-08-03 [PMID: 35922041] (WB, Mouse)

Liu Z, Lin Y, Fang X et al. Epigallocatechin-3-Gallate Promotes Osteo-/Odontogenic Differentiation of Stem Cells from the Apical Papilla through Activating the BMP-Smad Signaling Pathway Molecules 2021-03-12 [PMID: 33809391] (WB, Human)

Zhang Y, Zhang H, Yuan G, Yang G Effects of transforming growth factor-beta 1 on odontoblastic differentiation in dental papilla cells is determined by IPO7 expression level Biochemical and biophysical research communications 2021-03-19 [PMID: 33548622] (WB, Mouse)

Lin Y, Xiao Y, Lin C et al. SALL1 regulates commitment of odontoblast lineages by interacting with RUNX2 to remodel open chromatin regions J Immunol 2020-12-01 [PMID: 33159702] (WB, Mouse)

Zhang Y, Zhang H, Yuan G, Yang G IPO7 Promotes Odontoblastic Differentiation of Mouse Dental Papilla Cells by Selectively Importing Odontogenic Transcription Factors Research Square 2020-10-14 (WB, Mouse)





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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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