

Product Datasheet

Desmoplakin Antibody NBP2-48836

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-48836

Desmoplakin Antibody

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

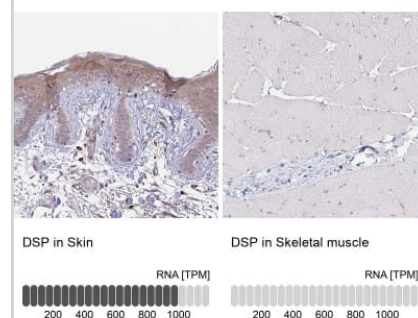
Product Description	
Host	Rabbit
Gene ID	1832
Gene Symbol	DSP
Species	Human, Canine
Reactivity Notes	Use in Canine reported in scientific literature (PMID:34983311).
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: NHNKVIETNRENDKQETWMLMELQKIRRRQIEHCEGRMTLKNLPLADQGSSHHI TVKINELKSVQNDSQAIAEVLNQLKDMLANFRGSEKYCYLQNEVF

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	Use in ICC/IF reported in scientific literature (PMID:34983311) For IHC-Paraffin, HIER pH 6 retrieval is recommended.

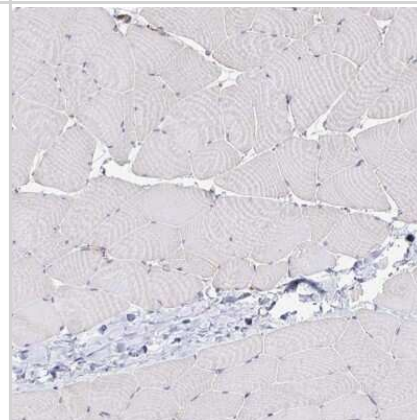


Images

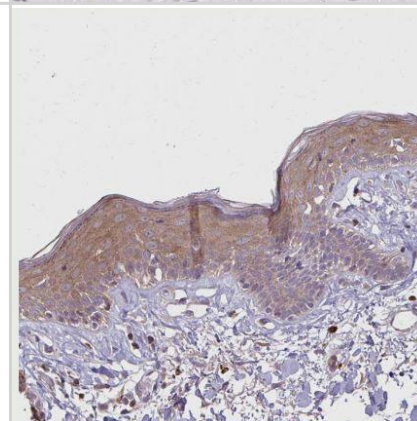
Immunohistochemistry-Paraffin: Desmoplakin Antibody [NBP2-48836] - Staining in human skin and skeletal muscle tissues using anti-DSP antibody. Corresponding DSP RNA-seq data are presented for the same tissues.



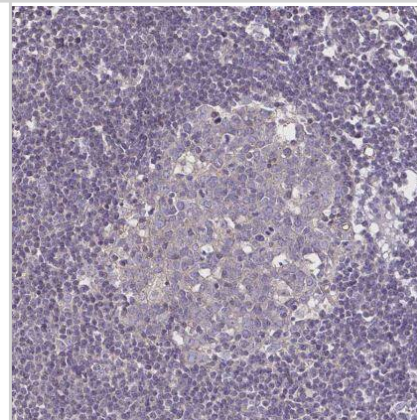
Immunohistochemistry-Paraffin: Desmoplakin Antibody [NBP2-48836] - Staining of human skeletal muscle shows low expression as expected.



Immunohistochemistry-Paraffin: Desmoplakin Antibody [NBP2-48836] - Staining of human skin shows moderate cytoplasmic positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: Desmoplakin Antibody [NBP2-48836] - Staining of human lymph node shows no cytoplasmic positivity in germinal center cells.



Publications

Beggs RR, Rao TC, Dean WF et al. Desmosomes undergo dynamic architectural changes during assembly and maturation Tissue barriers 2022-01-05 [PMID: 34983311] (ICC/IF, Canine)

Stazi M, Lehmann S, Sakib MS et al. Long-term caffeine treatment of Alzheimer mouse models ameliorates behavioural deficits and neuron loss and promotes cellular and molecular markers of neurogenesis Cellular and molecular life sciences : CMLS 2021-12-16 [PMID: 34913091] (IF/IHC, Mouse)





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Products Related to NBP2-48836

NBP2-48836PEP	Desmoplakin Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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