

Product Datasheet

Cav1.3 Antibody - BSA Free

NBP1-86684

Unit Size: 0.1 ml

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

www.novusbio.com



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Publications: 2

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Updated 12/2/2025 v.20.1

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NBP1-86684

Cav1.3 Antibody - BSA Free

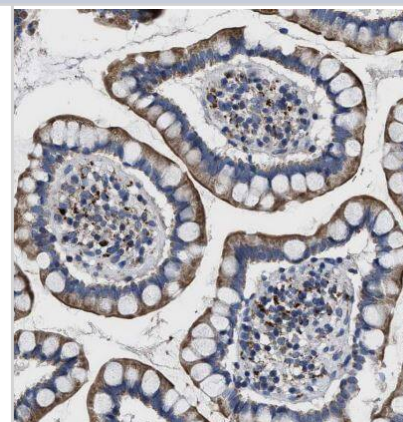
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Cav1.3 Antibody - BSA Free (NBP1-86684) is a polyclonal antibody validated for use in IHC. Anti-Cav1.3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	776
Gene Symbol	CACNA1D
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (87%), Rat (85%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EDPEIHGYFRDPHCLGGEQYFSSEECYEDDSSPTWSRQNYGYYSRYPRGNID SERPRGYHHPQGFLDDDDSPVCYDSRRSPRRLLPPTPASHRRSSFNFECLE RQSSQEEVPSSPIFPHRTALPLHLMQQQIMAV

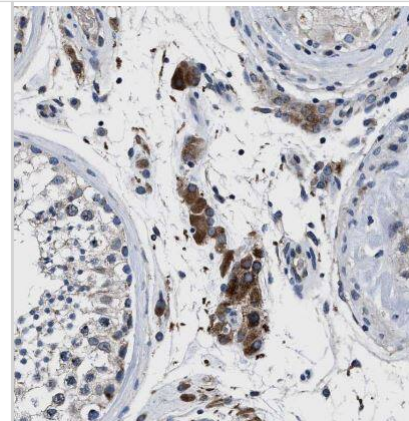
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

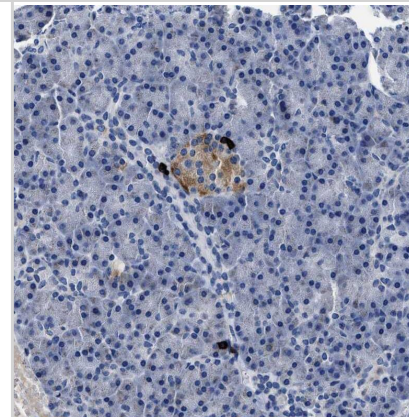
Immunohistochemistry-Paraffin: Cav1.3 Antibody [NBP1-86684] - Staining of human small intestine shows strong cytoplasmic positivity in glandular cells.



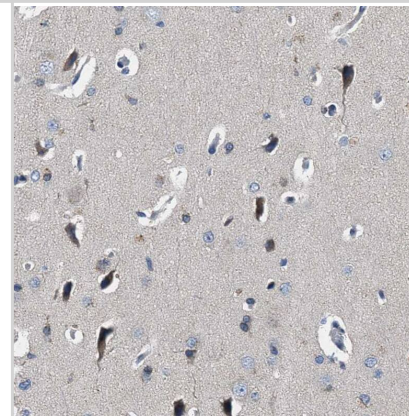
Immunohistochemistry-Paraffin: Cav1.3 Antibody [NBP1-86684] - Staining of human testis shows strong cytoplasmic positivity in Leydig cells.



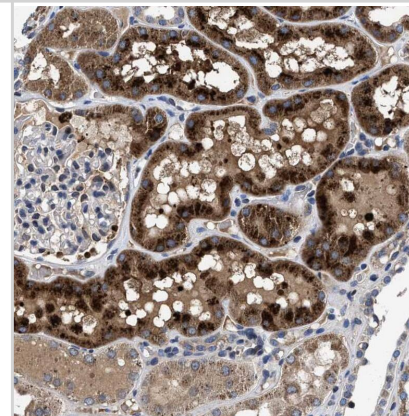
Staining of human skin shows no cytoplasmic positivity in squamous epithelial cells as expected.



Staining of human testis shows strong cytoplasmic positivity in Leydig cells.



Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



Publications

Scholl UI, Goh G, Stolting G et al. Somatic and germline CACNA1D calcium channel mutations in aldosterone-producing adenomas and primary aldosteronism. *Nat Genet* 2013-09-01 [PMID: 23913001]

Zou J, Lee A, Yang J. The expression of whirlin and Cav1.3a is mutually independent in photoreceptors. *Vision Res* 2012-12-15 [PMID: 22892111]



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Products Related to NBP1-86684

NBP1-86684PEP	Cav1.3 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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