

# Product Datasheet

## Caveolin-2 Antibody - BSA Free NBP2-33431

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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Updated 2/23/2025 v.20.1

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**NBP2-33431**

Caveolin-2 Antibody - BSA Free

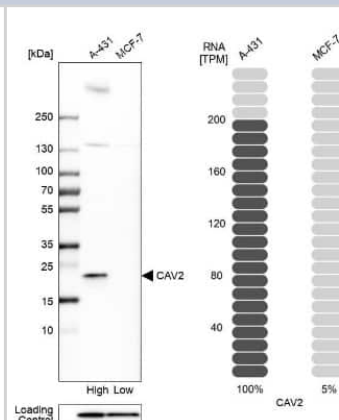
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal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

Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	858
<b>Gene Symbol</b>	CAV2
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (82%), Rat (82%)
<b>Immunogen</b>	This antibody was developed against a recombinant protein corresponding to amino acids: GLETEKADVQLFMDDDSYSHHSGLEYADPEKFADSDQDRDPHRLNSHLKLG FEDVIA

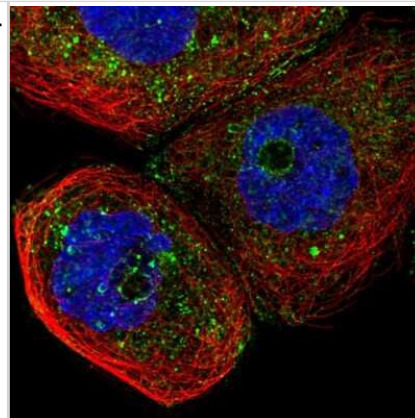
Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

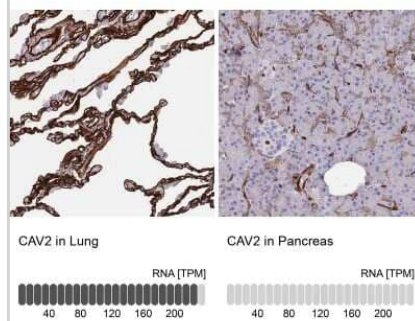
Western Blot: Caveolin-2 Antibody [NBP2-33431] - Analysis in human cell lines A-431 and MCF-7 using anti-CAV2 antibody. Corresponding CAV2 RNA-seq data are presented for the same cell lines. Loading control: anti-PPIB.



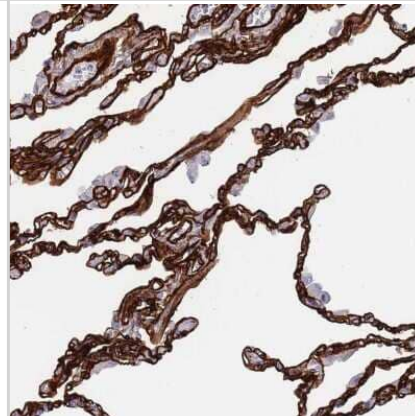
Immunocytochemistry/Immunofluorescence: Caveolin-2 Antibody [NBP2-33431] - Immunofluorescent staining of human cell line A-431 shows localization to vesicles.



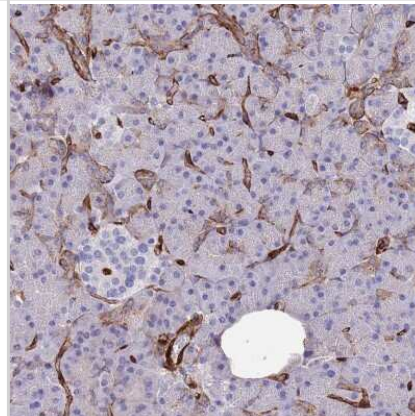
Immunohistochemistry-Paraffin: Caveolin-2 Antibody [NBP2-33431] - Staining in human lung and pancreas tissues using anti-CAV2 antibody. Corresponding CAV2 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: Caveolin-2 Antibody [NBP2-33431] - Staining of human lung shows strong cytoplasmic and membranous positivity in pneumocytes.



Immunohistochemistry-Paraffin: Caveolin-2 Antibody [NBP2-33431] - Staining of human pancreas shows low expression as expected.



## Publications

Codenotti S, Vezzoli M, Poliani PL et al. Caveolin-1, Caveolin-2 and Cavin-1 are strong predictors of adipogenic differentiation in human tumors and cell lines of liposarcoma. *Eur. J. Cell Biol.* 2016-05-04 [PMID: 27168348] (IHC-P, Human)



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### **Products Related to NBP2-33431**

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NBP2-33431PEP	Caveolin-2 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

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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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