

# Product Datasheet

## Caveolin-1 Antibody NB300-509

Unit Size: 100ug

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

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**NB300-509****Caveolin-1 Antibody**

Product Information	
Unit Size	100ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS with 1 mg/ml BSA

Product Description	
Host	Rabbit
Gene ID	857
Gene Symbol	CAV1
Species	Human, Mouse, Rat, Canine, Hamster
Marker	Caveolae Marker, Endosome Marker
Immunogen	Synthetic peptide corresponding to residues M(1) S G G K Y V D S E G H L Y T V P(17) C of human CAV1.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1 - 2 ug/ml, Flow Cytometry 3 - 5 ug / 10 <sup>6</sup> cells, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1 - 2 ug/ml, Immunoprecipitation 5 ug
Application Notes	IHC usage was reported in scientific literature (PMID: 11257005).

**Images**

Western Blot: Caveolin-1 Antibody [NB300-509] - Analysis of rat heart protein extract.

**Fig. 1**

38 kDa-  
25 kDa-  
20 kDa-  
14 kDa-



## Publications

Jiménez M, Prieto K, Lasso P et al. Plant extract from *Caesalpinia spinosa* inhibits cancer-associated fibroblast-like cells generation and function in a tumor microenvironment model *Heliyon* 2023-03-01 [PMID: 36923867] (ICC/IF, WB)

Martin GG, Danneberg H, Kumar LS et al. Decreased liver fatty acid binding capacity and altered liver lipid distribution in mice lacking the liver fatty acid-binding protein gene. *J Biol Chem*. 2003-06-01 [PMID: 12670956]

Li WP, Liu P, Pilcher BK et al. Cell-specific targeting of caveolin-1 to caveolae, secretory vesicles, cytoplasm or mitochondria. *J Cell Sci*. 2001-04-01 [PMID: 11257005]





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### **Products Related to NB300-509**

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NBL1-08729	Caveolin-1 Overexpression Lysate
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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