

Product Datasheet

alpha COP I Antibody - BSA Free NBP1-89705

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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Publications: 1

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NBP1-89705

alpha COP I 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

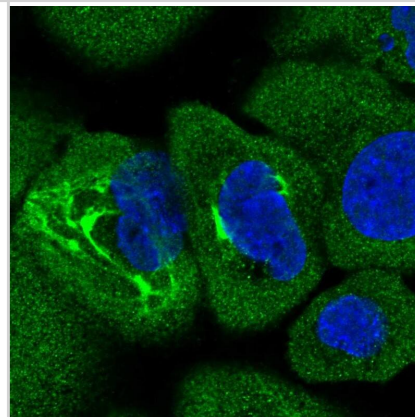
Product Description	
Description	Novus Biologicals Rabbit alpha COP I Antibody - BSA Free (NBP1-89705) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-alpha COP I Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1314
Gene Symbol	COPA
Species	Human, Mouse, Rat
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25894502).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VHGNMLHYVKDRFLRQLDFNSSKDVAVMQLRSGSKFPVFNMSYNPAENAVLL CTRASNLENSTYDLYTIPKDADSQNPDAPEGKRSSGLTAVWVARN

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	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
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

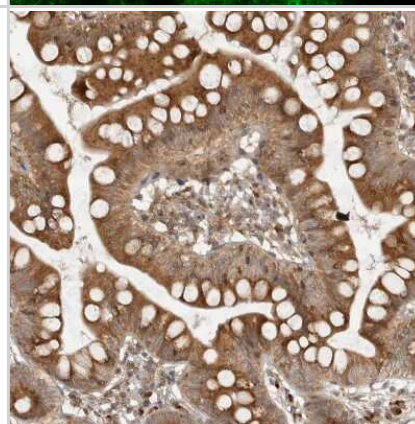


Images

Staining of human cell line A-431 shows positivity in cytoplasm, intermediate filaments & nucleus but excluded from the nucleoli.



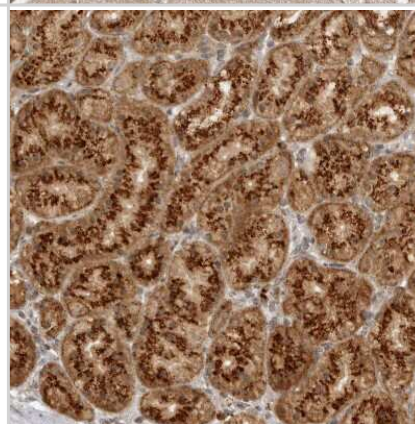
Immunohistochemistry-Paraffin: alpha COP I Antibody [NBP1-89705] - Staining of human small intestine shows moderate cytoplasmic positivity in glandular cells.



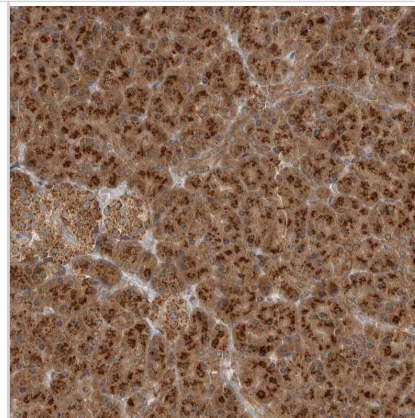
Immunohistochemistry-Paraffin: alpha COP I Antibody [NBP1-89705] - Staining of human cerebral cortex shows moderate cytoplasmic positivity in neurons.



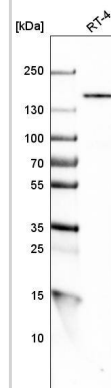
Immunohistochemistry-Paraffin: alpha COP I Antibody [NBP1-89705] - Staining of human stomach shows moderate granular cytoplasmic positivity in glandular cells.



Staining of human pancreas shows moderate to strong granular cytoplasmic positivity in exocrine glandular cells.



Analysis in human cell line RT-4.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Publications

Levi B Watkin, Birthe Jessen, Wojciech Wiszniewski et al. COPA mutations impair ER-Golgi transport and cause hereditary autoimmune-mediated lung disease and arthritis. Nature Genetics 2015-04-20 [PMID: 25894502] (WB, Human)



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Products Related to NBP1-89705

NBP1-89705PEP	alpha COP I Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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