

Product Datasheet

COPB2 Antibody NB120-2899

Unit Size: 0.1 ml

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

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NB120-2899

COPB2 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	4.4 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Ammonium sulfate precipitation
Buffer	PBS, containing 1 mg/ml BSA

Product Description	
Host	Rabbit
Gene ID	9276
Gene Symbol	COPB2
Species	Human, Mouse, Rat
Specificity/Sensitivity	Beta COP
Immunogen	Synthetic peptide corresponding to residues E(496) A G E L K P E E E I T V G P V Q K(513) of rat beta-COP.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry, Immunocytochemistry/Immunofluorescence 1:2000
Application Notes	WB: Detects an approx. 110kDa protein which represents beta-COP from rat brain homogenate. Indirect IF: Staining of beta-COP in NIH-3T3 cells with NB120-2899 results in beta-COP localization to the Golgi complex and to distinct vesicular structures scattered throughout the cytoplasm. Golgi localization of beta-COP is sensitive to treatment with brefeldin A or ATP depletion. Use in FLOW cytometry reported in scientific literature (PMID 27510922).

Publications

Karanasios E, Walker SA, Okkenhaug H et al. Autophagy initiation by ULK complex assembly on ER tubulovesicular regions marked by ATG9 vesicles. Nat Commun. 2016-08-11 [PMID: 27510922] (FLOW, Mouse)

Suarez-Causado A, Caballero-Diaz D, Bertran E et al. HGF/c-Met signaling promotes liver progenitor cell migration and invasion by an epithelial-mesenchymal transition-independent, phosphatidylinositol-3 kinase-dependent pathway in an in vitro model. Biochim. Biophys. Acta. 2015-05-20 [PMID: 26001768] (ICC/IF, Mouse)

Rho JH, Lampe PD. High-throughput screening for native autoantigen-autoantibody complexes using antibody microarrays J Proteome Res. 2013-05-03 [PMID: 23541305] (Human)

Details:

A novel method using antibody microarrays is used to detect autoantibody-antigen complexes that can potentially be useful for detection and characterization of diseases.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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