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CNO Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20464c

Product Information

Application	WB, E
Primary Accession	Q9NUP1
Reactivity	Human
Predicted	Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB44448
Calculated MW	23351
Antigen Region	114-143

Additional Information

Gene ID	55330
Other Names	Biogenesis of lysosome-related organelles complex 1 subunit 4, BLOC-1 subunit 4, Protein cappuccino homolog, BLOC1S4, CNO
Target/Specificity	This CNO antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 114-143 amino acids from the Central region of human CNO.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CNO Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	BLOC1S4
Synonyms	CNO
Function	Component of the BLOC-1 complex, a complex that is required for normal

biogenesis of lysosome-related organelles (LRO), such as platelet dense granules and melanosomes. In concert with the AP-3 complex, the BLOC-1 complex is required to target membrane protein cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals. The BLOC-1 complex, in association with SNARE proteins, is also proposed to be involved in neurite extension. Plays a role in intracellular vesicle trafficking.

Cellular Location Cytoplasm.

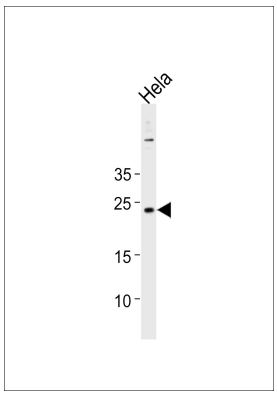
Background

The BLOC-1 complex is required for normal biogenesis of lysosome-related organelles, such as platelet dense granules and melanosomes. Plays a role in intracellular vesicle trafficking (By similarity).

References

Ota T., et al. Nat. Genet. 36:40-45(2004).
Hillier L.W., et al. Nature 434:724-731(2005).

Images



CNO Antibody (Center) (Cat. #AP20464c) western blot analysis in Hela cell line lysates (35ug/lane).This demonstrates the CNO antibody detected the CNO protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.