

Product Datasheet

NCOA4 Antibody (1B7) - Azide and BSA Free H00008031-M04

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00008031-M04

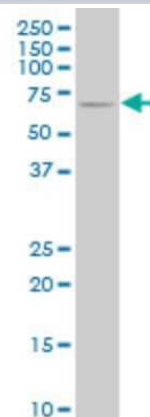
NCOA4 Antibody (1B7) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1B7
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	8031
Gene Symbol	NCOA4
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	NCOA4 (1B7)
Immunogen	NCOA4 (NP_005428, 505 a.a. ~ 614 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. EGSPKEVPGTEDRAGKQKFKSPMNTSWCSFNTADWVLPGKKMGNLSQLSSG EDKWLLRKKAEVLLNSPLQEEHNFPDPHYGLPAVCDLFCMQLKVDKEKWL YRTPLQM
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.

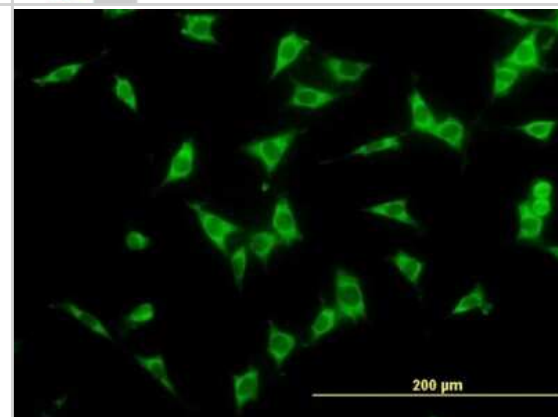


Images

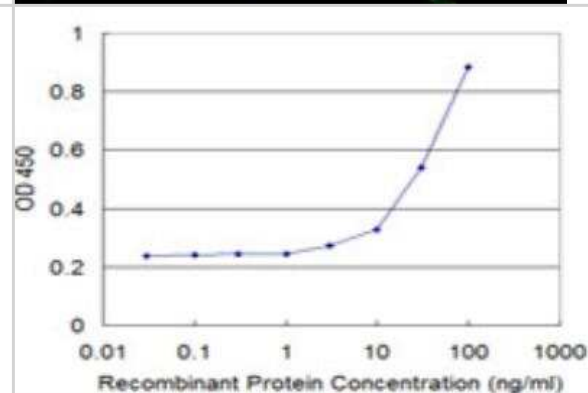
Western Blot: NCOA4 Antibody (1B7) [H00008031-M04] - Analysis of NCOA4 expression in NIH/3T3 (Cat # L018V1).



Immunocytochemistry/Immunofluorescence: NCOA4 Antibody (1B7) [H00008031-M04] - Analysis of monoclonal antibody to NCOA4 on NIH/3T3 cell. Antibody concentration 10 ug/ml



ELISA: NCOA4 Antibody (1B7) [H00008031-M04] - Detection limit for recombinant GST tagged NCOA4 is approximately 3ng/ml as a capture antibody.



Publications

Jhelum P, Santos-Nogueira E, Teo W et al. Ferroptosis mediates cuprizone-induced loss of oligodendrocytes and demyelination J Neurosci 2020-10-26 [PMID: 33106352]

Yang N, Shang Y Ferrostatin-1 and 3-Methyladenine Ameliorate Ferroptosis in OVA-Induced Asthma Model and in IL-13-Challenged BEAS-2B Cells Oxidative medicine and cellular longevity 2022-02-04 [PMID: 35154576] (WB, Human, Mouse)

Li C, Sun G, Chen B Et al. Nuclear receptor coactivator 4-mediated ferritinophagy contributes to cerebral ischemia-induced ferroptosis in ischemic stroke Pharmacological research 2021-10-08 [PMID: 34634471] (WB, Mouse)

Kollara A, Ringuette MJ, Brown TJ. Dynamic Distribution of Nuclear Coactivator 4 during Mitosis: Association with Mitotic Apparatus and Midbodies. PLoS ONE. 2011-01-01 [PMID: 21814571]

Poola I, Abraham J, Marshalleck JJ et al. Molecular constitution of breast but not other reproductive tissues is rich in growth promoting molecules: a possible link to highest incidence of tumor growths. FEBS Lett 583(18):3069-75. 2009-09-17 [PMID: 19698714]



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Products Related to H00008031-M04

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00008031-P01-10ug	Recombinant Human NCOA4 GST (N-Term) Protein

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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