

Product Datasheet

CAP1 Antibody (4A9) - Azide and BSA Free H00010487-M02

Unit Size: 0.1 mg

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

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H00010487-M02

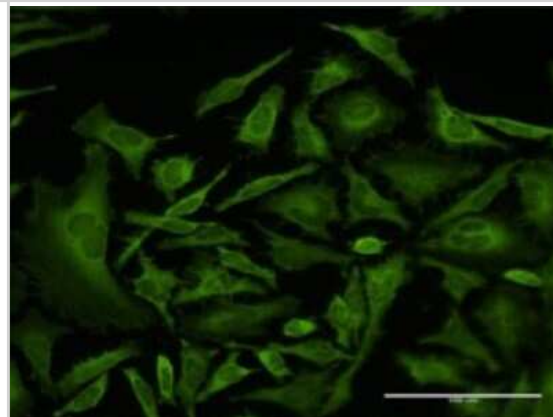
CAP1 Antibody (4A9) - Azide and BSA Free

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	4A9
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse CAP1 Antibody (4A9) - Azide and BSA Free (H00010487-M02) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-CAP1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10487
Gene Symbol	CAP1
Species	Human
Specificity/Sensitivity	CAP1 - CAP, adenylate cyclase-associated protein 1 (yeast) (4A9)
Immunogen	CAP1 (AAH13963, 1 a.a. ~ 475 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MADMQNLVERLERAVGRLEAVSHTSDMHRGYADSPSKAGAAPYVQAFDSLLA GPVAEYLKISKEIGGDVQKHAEMVHTGLKLERALLVTASQCQQAENKLSDLLA PISEQIKEVITFREKNRGSKLFNHL SAVSESIQALGWVAMAPKPGPYVKEMNDA AMFYTNRVLKEYKDVDKHHVDWVKAYLSIWTELQAYIKEFHHTTGLAWSKTGPV AKELSGLPSGPSAGSGPPPPPPGPPPPPVSTSSGSDESASRSALFAQINQGES ITHALKHVSDDMKTHKNPALKAQSGPVRSGPKPFSAPKPQTSPSPKRATKKEP AVLELEGKKWRVENQENVSNLVIEDTELKQVAYIYKCVNTTLQIKGKINSITVDN CKKLGLVFDDVVGIVEIINSKDVKVQVMGKVPTISINKTDGCHAYLSKNSLDCEIV SAKSSEMNVLIPTEGGDFNEFPVPEQFKTLWNGQKLVTTVTEIAG
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Application Notes	Antibody Reactive Against Recombinant Protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control.

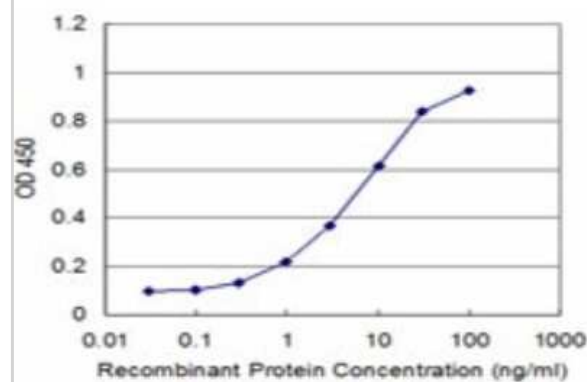


Images

Immunocytochemistry/Immunofluorescence: CAP1 Antibody (4A9) [H00010487-M02] - Analysis of monoclonal antibody to CAP1 on HeLa cell . Antibody concentration 10 ug/ml.



Sandwich ELISA: CAP1 Antibody (4A9) [H00010487-M02] - Detection limit for recombinant GST tagged CAP1 is approximately 0.3ng/ml as a capture antibody.



Publications

Anika H, Cara S, Sharof K et al. Functional interdependence of the actin regulators CAP1 and cofilin1 in control of dendritic spine morphology. Cell Mol Life Sci. 2022-10-20 [PMID: 36264429]



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Products Related to H00010487-M02

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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