

# Product Datasheet

## CAP1 Antibody (4A2) - Azide and BSA Free H00010487-M01

Unit Size: 0.1 mg

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

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**H00010487-M01**

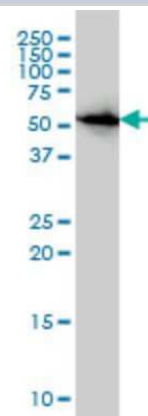
CAP1 Antibody (4A2) - Azide and BSA Free

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	4A2
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse CAP1 Antibody (4A2) - Azide and BSA Free (H00010487-M01) is a monoclonal antibody validated for use in WB and ELISA. Anti-CAP1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10487
Gene Symbol	CAP1
Species	Human, Rat
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	CAP1 - CAP, adenylate cyclase-associated protein 1 (yeast)
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 PISEQIKEVITFREKNRGSKLFNHLSAVSESIQALGWVAMAPKPGPYVKEMNDA AMFYTNRVLKEYKDVDKHHVDWVKAYLSIWTELQAYIKEFHHTTGLAWSKTGPV AKELSGLPSGPSAGSGPPPPPPGPPPPPVSTSSGSDESASRSALFAQINQGES ITHALKHVSDDMKTHKNPALKAQSGPVRSGPKPFSAPKPKQTSPSPKRATKKEP 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, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Sandwich ELISA
Application Notes	Antibody reactive against cell lysate and recombinant protein for western blot. It has also been used for ELISA.

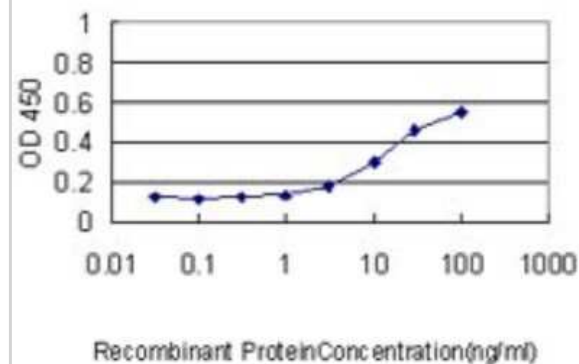


## Images

Western Blot: CAP1 Antibody (4A2) [H00010487-M01] - CAP1 monoclonal antibody (M01), clone 4A2 Analysis of CAP1 expression in HeLa.



Sandwich ELISA: CAP1 Antibody (4A2) [H00010487-M01] - Detection limit for recombinant GST tagged CAP1 is approximately 0.3ng/ml as a capture antibody.



## Publications

Lu J, Nozumi M, Takeuchi K et al. Expression and function of neuronal growth-associated proteins (nGAPs) in PC12 cells. *Neurosci Res.* 2011-01-14 [PMID: 21238513]

Cauwe B, Martens E, Van den Steen PE et al. Adenylyl cyclase-associated protein-1/CAP1 as a biological target substrate of gelatinase B/MMP-9. *Exp Cell Res* 2008-07-01 [PMID: 18671965]



### **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

### **Products Related to H00010487-M01**

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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)

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### **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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