

Product Datasheet

AHNAK Antibody (3G7) - Azide and BSA Free H00079026-M01

Unit Size: 0.1 mg

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

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H00079026-M01

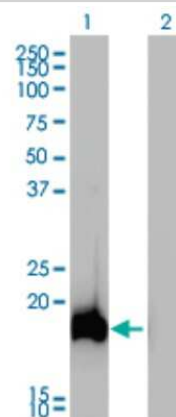
AHNAK Antibody (3G7) - Azide and BSA Free

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	3G7
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse AHNAK Antibody (3G7) - Azide and BSA Free (H00079026-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. Anti-AHNAK Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	79026
Gene Symbol	AHNAK
Species	Human, Mouse
Specificity/Sensitivity	AHNAK - AHNAK nucleoprotein (desmoyokin)
Immunogen	AHNAK (NP_076965, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MEKEETTRELLLPNWQSGSGSHGLTIAQRDDGVFVQEVTQNSPAARTGVVKEG DQIVGATIYFDNLQSGEVTQLLNTMGHHTVGLKLHRKGD RSPEPGQTW
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-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen

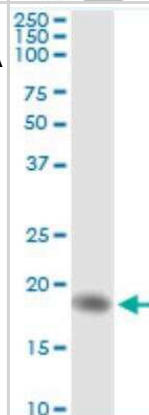


Images

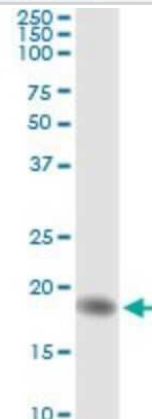
Western Blot: AHNAK Antibody (3G7) [H00079026-M01] - Analysis of AHNAK expression in transfected 293T cell line by AHNAK monoclonal antibody (M01), clone 3G7. Lane 1: AHNAK transfected lysate(16 KDa). Lane 2: Non-transfected lysate.



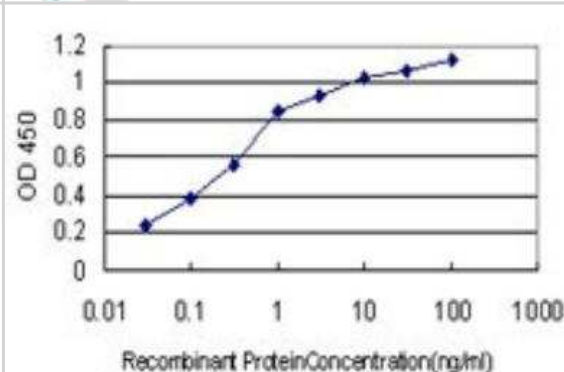
Immunoprecipitation: AHNAK Antibody (3G7) [H00079026-M01] - Transfected lysate using anti-AHNAK monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with AHNAK MaxPab rabbit polyclonal antibody.



Immunoprecipitation: AHNAK Antibody (3G7) [H00079026-M01] - Analysis of AHNAK transfected lysate using anti-AHNAK monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with AHNAK MaxPab rabbit polyclonal antibody.



ELISA: AHNAK Antibody (3G7) [H00079026-M01] - Detection limit for recombinant GST tagged AHNAK is approximately 0.03ng/ml as a capture antibody.



Publications

Zacharias U, Purfurst B, Schowel V et al. Ahnak1 abnormally localizes in muscular dystrophies and contributes to muscle vesicle release. *J Muscle Res Cell Motil.* 2011-11-05 [PMID: 22057634]

Pankonien I, Otto A, Dascal N et al. Ahnak1 interaction is affected by phosphorylation of Ser-296 on Cavb2. *Biochem Biophys Res Commun.* 2012-04-04 [PMID: 22497893]

Han Y, Yu G, Sarioglu H et al. Proteomic investigation of the interactome of FMNL1 in hematopoietic cells unveils a role in calcium-dependent membrane plasticity. *J Proteomics.* 2012-11-24 [PMID: 23182705]

Oh YS, Gao P, Lee KW et al. SMARCA3, a chromatin-remodeling factor, is required for p11-dependent antidepressant action. *Cell* 2013-02-14 [PMID: 23415230] (WB, Human)

Okusa H, Kodera Y, Oh-Ishi M et al. Searching for new biomarkers of bladder cancer based on proteomic analysis. *J Electrophoresis* 2008; 52 : 19.

Alli AA, Gower WR Jr. The C type natriuretic peptide receptor tethers AHNAK1 at the plasma membrane to potentiate arachidonic acid-induced calcium mobilization. *Am J Physiol Cell Physiol.* 2009-08-26 [PMID: 19710363]





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Products Related to H00079026-M01

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]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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