

Product Datasheet

ATN1 Antibody (2C10) - Azide and BSA Free H00001822-M01

Unit Size: 0.1 mg

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

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Updated 2/21/2025 v.20.1

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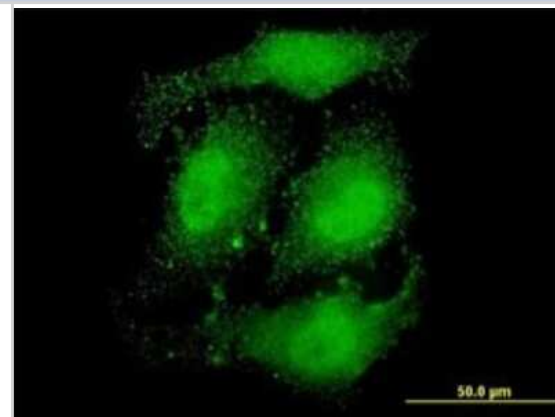
H00001822-M01

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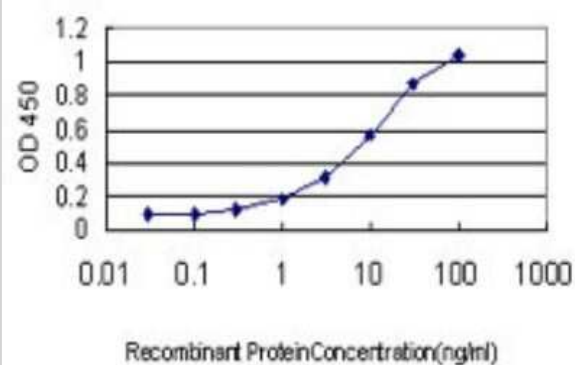
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2C10
Preservative	No Preservative
Isotype	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	1822
Gene Symbol	ATN1
Species	Human
Specificity/Sensitivity	ATN1 - atrophin 1
Immunogen	ATN1 (AAH51795, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MKTRQNKDSMSMRSGRKKEAPGPREEELRSRGRASPGGVSTSSSDGKAEKSR QTAKKARVEEASTPKVVKQGRSEEISESESEETNAPKKTKEQELPRPQSPSD LDSLDG
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 reactivity against recombinant protein with GST tag on ELISA and WB. GST tag alone is used as a negative control. It has been use for IF.

Images

Immunocytochemistry/Immunofluorescence: ATN1 Antibody (2C10) [H00001822-M01] - Analysis of monoclonal antibody to ATN1 on HeLa cell . Antibody concentration 10 ug/ml.



Sandwich ELISA: ATN1 Antibody (2C10) [H00001822-M01] - Detection limit for recombinant GST tagged ATN1 is approximately 0.3ng/ml as a capture antibody.



Publications

Ivanova A, Atakpa-Adaji P, Rao S, Marti-Solano M et Al. Dual regulation of IP(3) receptors by IP(3) and PIP(2) controls the transition from local to global Ca(2+) signals Mol Cell 2024-10-04 [PMID: 39366376]



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Products Related to H00001822-M01

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)
H00001822-Q01-10ug	Recombinant Human ATN1 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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