

Product Datasheet

alpha Adaptin Antibody (AC1-M11) - BSA Free NB300-721

Unit Size: 500uL

Store at -20C. Avoid freeze-thaw cycles.

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NB300-721

alpha Adaptin Antibody (AC1-M11) - BSA Free

Product Information	
Unit Size	500uL
Concentration	2 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	AC1-M11
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS

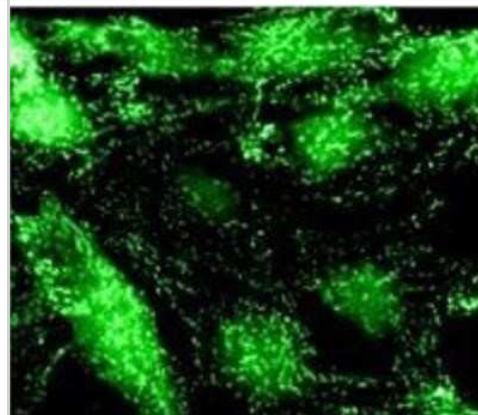
Product Description	
Description	Novus Biologicals Mouse alpha Adaptin Antibody (AC1-M11) - BSA Free (NB300-721) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-alpha Adaptin Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	160
Gene Symbol	AP2A1
Species	Human, Mouse, Rat, Porcine, Amphibian, Bovine, Chicken, Primate
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	Detects Alpha 1 Fetoprotein. This detects the products of both alpha-adaptin genes, alpha A and alpha C, as well as an alternatively spliced isoform of alpha A found in neurons.
Immunogen	Purified bovine brain adaptor complexes.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100, Immunohistochemistry 1:20, Immunocytochemistry/Immunofluorescence 1:100, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin 1:20
Application Notes	WB: Detects an approx. 100 kDa doublet representing the two isoforms of Alpha 1 Fetoprotein from pig brain extract. IF: Staining of alpha-adaptin in transfected COS cells yields distinct punctate dots on the plasma membrane.

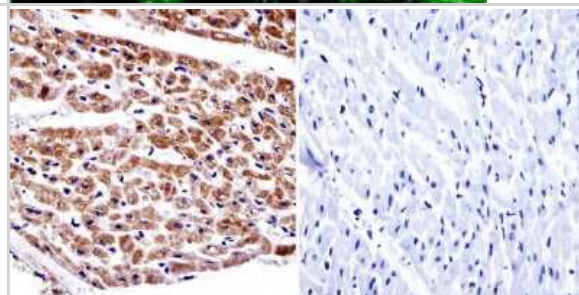


Images

Immunocytochemistry/Immunofluorescence: alpha Adaptin Antibody (AC1-M11) [NB300-721] - Shows immunolocalization of alpha-adaptin in NRK cells.



Immunohistochemistry-Paraffin: alpha Adaptin Antibody (AC1-M11) [NB300-721] - Immunohistochemistry on deparaffinized human heart tissue



Publications

Robinson MS 100-kD coated vesicle proteins molecular heterogeneity intracellular distribution studied with monoclonal antibodies. *J Cell Biol* 104:887-95. 1987-01-01 [PMID: 2881934]

Rudinskiy N, Grishchuk Y, Vaslin A et al. Calpain hydrolysis of alpha- beta2-adaptins decreases clathrin-dependent endocytosis may promote neurodegeneration. *J Biol Chem*;284(18):12447-58. 2009-05-01 [PMID: 19240038]



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Products Related to NB300-721

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]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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