

Product Datasheet

alpha-Actinin 1 Antibody (3F1) - Azide and BSA Free H00000087-M01-100ug

Unit Size: 100 ug

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

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H00000087-M01-100ug

alpha-Actinin 1 Antibody (3F1) - Azide and BSA Free

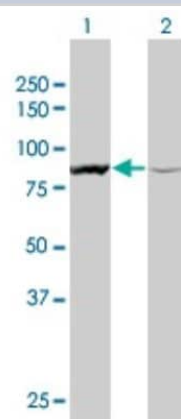
Product Information	
Unit Size	100 ug
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3F1
Preservative	No Preservative
Isotype	IgG3 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	87
Gene Symbol	ACTN1
Species	Human
Marker	Z-disk Marker
Specificity/Sensitivity	ACTN1 - actinin, alpha 1
Immunogen	ACTN1 (NP_001093, 543 a.a. ~ 639 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. EIQGLTTAHEQFKATLPDADKERLAILGIHNEVSKIVQTYHVNLMAGTNPYTTITP QEINGKWDHVRQLVPRRDQALTEEHARQQHNERLRKQFGAQA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against transfected lysate and recombinant protein for WB. It has been used for ELISA.

Images

Western Blot: alpha-Actinin 1 Antibody (3F1) [H00000087-M01] - Analysis of ACTN1 expression in transfected 293T cell line by ACTN1 monoclonal antibody (M01), clone 3F1. Lane 1: ACTN1 transfected lysate (103.1 KDa). Lane 2: Non-transfected lysate.



Publications

Sakane A, Abdallah AA, Nakano K et al. Rab13 Small G Protein and Junctional Rab13-binding Protein (JRAB) Orchestrate Actin Cytoskeletal Organization during Epithelial Junctional Development. J Biol Chem. 2012-10-24 [PMID: 23100251]

Quick Q, Skalli O. alpha-Actinin 1 and alpha-actinin 4: Contrasting roles in the survival, motility, and RhoA signaling of astrocytoma cells. Exp Cell Res;316(7):1137-47. 2010-04-15 [PMID: 20156433]



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Products Related to H00000087-M01-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96978	Mouse IgG3 Kappa Light Chain Isotype Control (MG3K)
NBP2-59725-0.1mg	Recombinant Human alpha-Actinin 1 His 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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