

Product Datasheet

AKAP9 Antibody (17G10) NB100-74351

Unit Size: 100ug

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

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Publications: 1

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NB100-74351**AKAP9 Antibody (17G10)**

Product Information	
Unit Size	100ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	17G10
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein G purified
Buffer	PBS with 1 mg/ml BSA

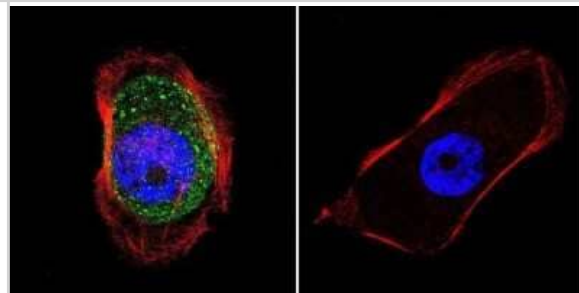
Product Description	
Description	Novus Biologicals Mouse AKAP9 Antibody (17G10) (NB100-74351) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-AKAP9 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10142
Gene Symbol	AKAP9
Species	Human, Mouse
Specificity/Sensitivity	AKAP450 (17G10)
Immunogen	Synthetic peptide corresponding to residues Q(31) F R Q R K A Q S D G Q S P S(45) of human AKAP450.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 2 ug/mL, Immunohistochemistry 1:100, Immunocytochemistry/Immunofluorescence 4 ug/mL, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10 - 1:100



Images

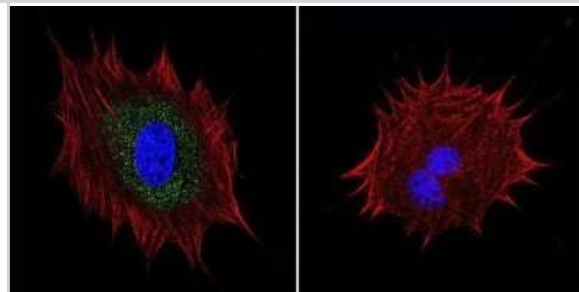
Immunocytochemistry/Immunofluorescence: AKAP9 Antibody (17G10) [NB100-74351] - Analysis of AKAP450 in A431 cells. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with a AKAP450 monoclonal antibody at a dilution of 1:100 overnight at 4C, washed with PBS and incubated with a DyLight-488 conjugated secondary antibody. AKAP450 staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown.



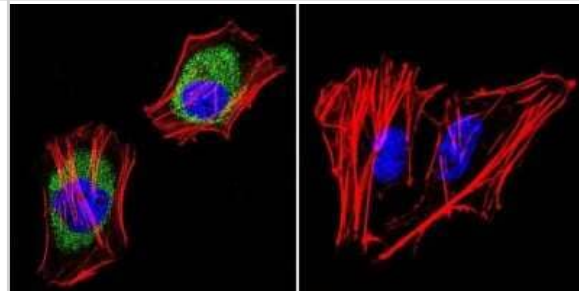
Immunohistochemistry-Paraffin: AKAP9 Antibody (17G10) [NB100-74351] - Normal biopsies of deparaffinized Human pancreas tissue at a dilution of 1:20.



Immunocytochemistry/Immunofluorescence: AKAP9 Antibody (17G10) [NB100-74351] - Analysis of AKAP450 in NIH-3T3 cells. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with a AKAP450 monoclonal antibody at a dilution of 1:100 overnight at 4C, washed with PBS and incubated with a DyLight-488 conjugated secondary antibody. AKAP450 staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown.



Immunocytochemistry/Immunofluorescence: AKAP9 Antibody (17G10) [NB100-74351] - Analysis of AKAP450 in HeLa cells. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with a AKAP450 monoclonal antibody at a dilution of 1:20 overnight at 4C, washed with PBS and incubated with a DyLight-488 conjugated secondary antibody. AKAP450 staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown.



Publications

Gorshkov K, Mehta S, Ramamurthy S et al. AKAP-mediated feedback control of cAMP gradients in developing hippocampal neurons. Nat. Chem. Biol. 2017-02-13 [PMID: 28192412] (ICC/IF)



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Products Related to NB100-74351

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]
NBP1-97019-5mg	Mouse IgG Isotype Control

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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