

Product Datasheet

GRK1 Antibody (G8) - BSA Free NB120-2775

Unit Size: 100 ug

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

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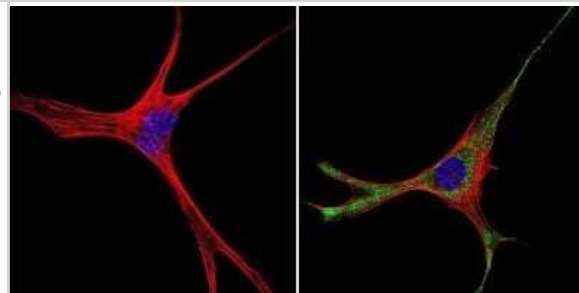
NB120-2775

GRK1 Antibody (G8) - BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	G8
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	6011
Gene Symbol	GRK1
Species	Human, Mouse, Rat, Bovine, Chicken
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 G-protein-associated rhodopsin kinase 1a (GRK1a).
Immunogen	Full length human GRK1.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2 - 3 ug/ml, Immunoprecipitation 1:10 - 1:500
Application Notes	WB: Detects an approx. 60 kDa protein representing GRK1a from bovine rod outer segments. IF: Staining of GRK1a in bovine retina with ab2775 results in intense staining primarily in cone outer segments, but also in rod outer segments. Weak staining is observed in somata and synaptic terminals of cones and inner segments of rods.

Images

Immunocytochemistry/Immunofluorescence: GRK1 Antibody (G8) [NB120-2775] - Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes at room temperature and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with a Rhodopsin Kinase 1a Monoclonal Antibody (G8) at a dilution of 1:200 and incubated overnight in a humidified chamber. Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody for 45 minutes at room temperature in the dark. F-actin (red) was stained with a fluorescent phalloidin and nuclei (blue) were stained with DAPI.

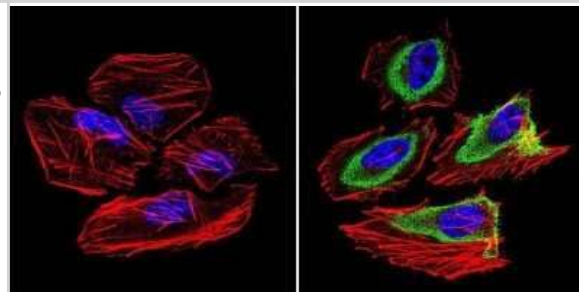


Immunocytochemistry/Immunofluorescence: GRK1 Antibody (G8) [NB120-2775] - illustrates immunolocalization of GRK1a in bovine retina

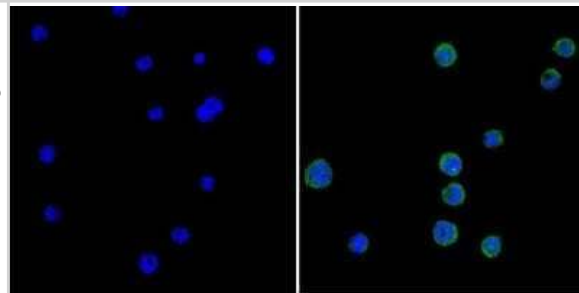
Fig. 1



Immunocytochemistry/Immunofluorescence: GRK1 Antibody (G8) [NB120-2775] - Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes at room temperature and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with a Rhodopsin Kinase 1a Monoclonal Antibody (G8) at a dilution of 1:200 and incubated overnight in a humidified chamber. Cells were washed with PBST and incubated with a DyLight-conjugated secondary antibody for 45 minutes at room temperature in the dark. F-actin (red) was stained with a fluorescent phalloidin and nuclei (blue) were stained with DAPI.



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Products Related to NB120-2775

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB120-2775UV	GRK1 Antibody (G8) [DyLight 350]

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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