

Product Datasheet

PKC alpha Antibody (MC5) NB200-586

Unit Size: 0.05 mg

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

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NB200-586

PKC alpha Antibody (MC5)

Product Information	
Unit Size	0.05 mg
Concentration	1.0 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	MC5
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS and 50% Glycerol
Target Molecular Weight	77 kDa

Product Description	
Host	Mouse
Gene ID	5578
Gene Symbol	PRKCA
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, Fish, Gerbil, Primate, Rabbit, Sheep, Zebrafish
Reactivity Notes	Cross-reacts with Human, Rat, Mouse, Cow, Dog, Fish, Guinea Pig, Monkey, Pig, Rabbit and Sheep. Not yet tested in other species. Zebrafish reactivity reported in scientific literature (PMID: 26246494)
Immunogen	Purified bovine brain protein kinase C alpha

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 10 ug/ml, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 12.5 ug/ml, Immunohistochemistry-Frozen
Application Notes	Use in Immunohistochemistry-Frozen reported in scientific literature (PMID 26011242)



Publications

Niklaus S, Glasauer S, Kovermann P et al. Glutamate Transporters are Involved in Direct Inhibitory Synaptic Transmission in the Vertebrate Retina bioRxiv 2023-05-01 (IHC-Fr, Zebrafish)

Schubert T, Gleiser C, Heiduschka P et al. Deletion of myosin VI causes slow retinal optic neuropathy and age-related macular degeneration (AMD)-relevant retinal phenotype. Cell. Mol. Life Sci. 2015-05-06 [PMID: 25939269] (IF/IHC, Mouse)

Zang J, Keim J, Kastenhuber E et al. Recoverin depletion accelerates cone photoresponse recovery. Open Biol. 2015-08-01 [PMID: 26246494] (IF/IHC, Zebrafish)

Hovhannisyan A, Benkner B, Biesemeier A et al. Effects of the jimpy mutation on mouse retinal structure and function. J. Comp. Neurol. 2015-05-23 [PMID: 26011242] (WB, IHC-Fr, Mouse)

Huang YY, Haug MF, Gesemann M, Neuhauss SC. Novel expression patterns of metabotropic glutamate receptor 6 in the zebrafish nervous system. PLoS One;7(4). 2012-01-01 [PMID: 22523578] (ICC/IF, Xenografts)

Zhang, C-L, Zou, Y, Yu, R T, Gage, F H, Evans, R M. Nuclear receptor TLX prevents retinal dystrophy recruits the corepressor atrophin1. 20, 1308-1320. 2006-01-01 [PMID: 16702404]





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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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