

Product Datasheet

beta-Actin Antibody (Poly6221) NB100-78420

Unit Size: 0.2 ml

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

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NB100-78420

beta-Actin Antibody (Poly6221)

Product Information	
Unit Size	0.2 ml
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	Poly6221
Preservative	0.09% Sodium Azide
Purity	Protein A or G purified
Buffer	PBS (pH 7.2) and 50% Glycerol

Product Description	
Host	Rabbit
Gene ID	60
Gene Symbol	ACTB
Species	Human, Mouse, Rat
Reactivity Notes	Mouse, Rat, Human.
Specificity/Sensitivity	beta actin
Immunogen	Peptide-KLH, NH2 terminus

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:400, Immunohistochemistry-Paraffin 1:100
Application Notes	Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 10 µl per 5 ml antibody dilution buffer for each mini-gel. For immunofluorescence microscopy: Use a dilution range of 1:100~1:400. It is recommended that the reagent be titrated for optimal performance for each application.



Publications

Fournier N, Tardivel S, Benoist JF et al. Eicosapentaenoic acid membrane incorporation impairs ABCA1-dependent cholesterol efflux via a protein kinase A signaling pathway in primary human macrophages. *Biochim. Biophys. Acta.* 2016-01-08 [PMID: 26776055] (WB, Human, Mouse)

Roehlecke C, Schumann U, Ader M et al. Stress Reaction in Outer Segments of Photoreceptors after Blue Light Irradiation. *PLoS One.* 2013-09-11 [PMID: 24039718] (WB, Mouse)

Joyce CW 2006. *J. Biol. Chem.* 281:33053. [PMID: 16928680]

Ikeda D et al. *Endocrinology.* 149:6037. 2008-01-01 [PMID: 18703634]

Sawada T, et al. *J. Biol. Chem.* 283:26820. 2008-01-01 [PMID: 18667423]

Tuli A, Sharma M, McIlhane MM et al. Amyloid Precursor-Like Protein 2 Increases the Endocytosis, Instability, Turnover of the H2-Kd MHC Class I Molecule. *J Immunol;*181(3):1978-1987. 2008-01-01 [PMID: 18641335]

Biswas SK, Zhao Y, Nagalingam A et al. PDGF- Insulin/IGF-1-Specific Distinct Modes of Class IA PI 3-Kinase Activation in Normal Rat Retinas RGC-5 Retinal Ganglion Cells. *Invest Ophthalmol Vis Sci;*49(8):3687-3698. 2008-01-01 [PMID: 18421086]

Ouimet M, Wang M-D, Cadotte N et al. Epoxycholesterol Impairs Cholesteryl Ester Hydrolysis in Macrophage Foam Cells, Resulting in Decreased Cholesterol Efflux. *Arterioscler Thromb Vasc Biol;*28(6):1144-1150. 2008-01-01 [PMID: 18369155]

Lawson BR et al. *J. Immunol.* 178:5366. 2007-01-01 [PMID: 17404322]





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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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