

Product Datasheet

beta-3 Adrenergic R/ADRB3 Antibody - Azide and BSA Free H00000155-B01P

Unit Size: 0.05 mg

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

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H00000155-B01P

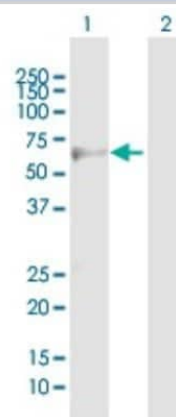
beta-3 Adrenergic R/ADRB3 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.05 mg
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	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Mouse
Gene ID	155
Gene Symbol	ADRB3
Species	Human
Specificity/Sensitivity	Reacts with adrenergic, beta-3-, receptor.
Immunogen	ADRB3 (NP_000016.1, 1 a.a. - 408 a.a.) full-length human protein. MAPWPHENSSLAPWPDLPNTANTSGLPGVPEAAALAGALLALAVLATV GGNLLVIVAIWTPRLQTMNTNFVTSALAAADLVMGLLVVPPAATLALTGHWPGLG ATGCELWTSVDVLCVTASIELCALAVDRYLAVTNPLRYGALVTKRCARTAVVL VWVVSAAVSFAPIMSQWWRVGADAEQQRCHSNPRCCAFASNMPYVLLSSSV SFYLPLLVMFLVYARVFVATRQLRLLRGELGRFPPEESPPAPSRSLAPAPVGT CAPPEGVPACGRRPARLLPLREHRALCTLGLIMGTFTLCWLPFFLANVLRALGG PSLVPGPAFLALNWLGYSANAFNPLIYCRSPDFRSFRRLLCRCGRRLPPEPC AAARPALFPSGVPAARSSPAQPRLCQRLDGASWGV
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	This antibody is reactive against transfected lysate in WB, FACS and as a detection antibody in ELISA.

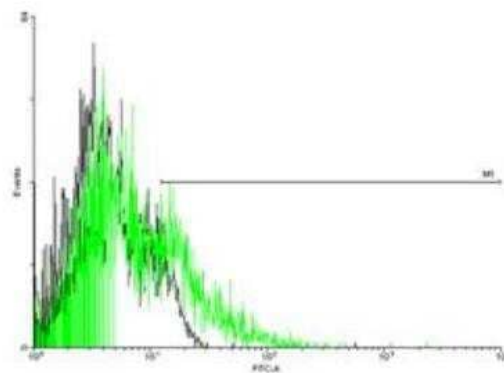


Images

Western Blot: beta-3 Adrenergic R/ADRB3 Antibody [H00000155-B01P]
- Analysis of ADRB3 expression in transfected 293T cell line by ADRB3 polyclonal antibody. Lane 1: ADRB3 transfected lysate(44.88 KDa). Lane 2: Non-transfected lysate.



Flow Cytometry: beta-3 Adrenergic R/ADRB3 Antibody [H00000155-B01P] - Analysis of negative control 293 cells (Black) and ADRB3 expressing 293 cells (Green) using ADRB3 purified MaxPab mouse polyclonal antibody.



Publications

Vadim C, Anastasia I, Konstantin K et al. Alpha1A- and Beta3-Adrenoceptors Interplay in Adipose Multipotent Mesenchymal Stromal Cells: A Novel Mechanism of Obesity-Driven Hypertension. *Cells*. 2023-02-11 [PMID: 36831252]

Tyurin-Kuzmin PA, Chechekhin VI, Ivanova AM et al. Noradrenaline Sensitivity Is Severely Impaired in Immortalized Adipose-Derived Mesenchymal Stem Cell Line. *Int J Mol Sci*. 2018-11-22 [PMID: 30469522]

Tyurin-Kuzmin PA, Dyikanov DT, Fadeeva JI et al. Flow cytometry analysis of adrenoceptors expression in human adipose-derived mesenchymal stem/stromal cells. *Sci Data* 2018-10-02 [PMID: 30277480]

Salisbury EA, Dickerson AR, Davis TA et al. Characterization of Brown Adipose-Like Tissue in Trauma-Induced Heterotopic Ossification in Humans. *Am J Pathol* 2017-07-04 [PMID: 28686851]

Tyurin-Kuzmin PA, Fadeeva JI, Kanareikina MA et al. Activation of beta-adrenergic receptors is required for elevated alpha1A-adrenoreceptors expression and signaling in mesenchymal stromal cells. *Sci Rep* 2016-09-06 [PMID: 27596381] (WB)

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Products Related to H00000155-B01P

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
NBP2-68782PEP	beta-3 Adrenergic R/ADRB3 Recombinant Protein Antigen

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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