

Product Datasheet

alpha-2C Adrenergic R/ADRA2C Antibody - BSA Free NB100-93554

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-93554

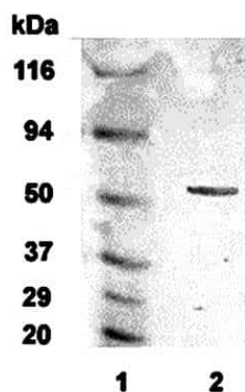
alpha-2C Adrenergic R/ADRA2C Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS
Target Molecular Weight	49.5 kDa
Product Description	
Host	Rabbit
Gene ID	152
Gene Symbol	ADRA2C
Species	Human, Mouse, Rat
Reactivity Notes	This antibody is reactive against Human, Mouse, Rat
Specificity/Sensitivity	Alpha2c protein
Immunogen	Synthetic peptide comprising internal residues of the human Alpha 2c protein. Reacts with rat and mouse Alpha 2c.
Product Application Details	
Applications	Western Blot, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry 1:100-1:300
Application Notes	This antibody is useful for Western blot 1:500-1:1000, and immunohistochemistry 1:100-1:300. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

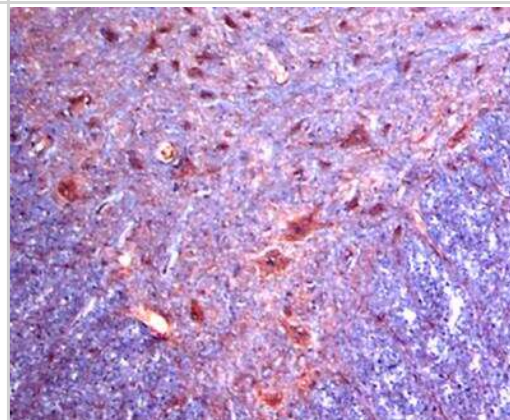


Images

Western Blot: alpha-2C Adrenergic R/ADRA2C Antibody [NB100-93554]
- Detection of Alpha 2c Adrenergic Receptor in 20 ug of human brain lysate (lane 2) with polyclonal antibody NB100-93554 at a dilution of 1:1000 followed by AP-conjugated secondary antibody at 1:5000 dilution. Lane 1 represents the MW markers.



Immunohistochemistry: alpha-2C Adrenergic R/ADRA2C Antibody [NB100-93554] - Staining of Alpha 2c Adrenergic Receptor in rat's ventral spinal cord. NB100-93554 was employed at a dilution of 1:100-1:300 and detection was carried out using HRP-AEC staining reagents (red color) followed by counterstaining with hematoxylin.



Publications

Mei B, Li J, Zuo Z. Dexmedetomidine attenuates sepsis-associated inflammation and encephalopathy via central α_2A adrenoceptor Brain, Behavior, and Immunity 2021-01-01 [PMID: 33039659]

Thapa D, Valente JS, Barrett B Et al. Dysfunctional TRPM8 signalling in the vascular response to environmental cold in ageing eLife 2021-11-02 [PMID: 34726597] (WB, Mouse)



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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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