Product Datasheet

Adenosine A1R Antibody NBP1-00149

Unit Size: 0.1 mg

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

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NBP1-00149

Adenosine A1R Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris (pH 7.3), 0.5% BSA
Product Description	
Host	Goat
Gene ID	134
Gene Symbol	ADORA1
Species	Human, Mouse, Rat, Bovine, Canine
Specificity/Sensitivity	Both reported isoforms represent identical protein (NP_000665.1; NP_001041695.1)
Immunogen	Peptide with sequence NDHFRCQPAPPIDED corresponding to C-Terminus according to NP_001041695.1.
Notes	Please note, this antibody is considered Innovators Grade. Innovators Grade antibodies are generally unvalidated and require additional characterization for most new species/applications. Novus has made these antibodies available through our Innovators Reward program. Complete an online review with image, detailing your positive or negative results. In return, you receive a discount voucher for 100% of the purchase price of the reviewed product. Please contact us at innovators@novusbio.com for more details.
Product Application Details	
Applications	Peptide ELISA
Recommended Dilutions	Peptide ELISA Detection limit 1:64000
Application Notes	WB: Preliminary experiments gave bands at approx. 30 kDa band and 20 kDa band in human brain (cerebellum) lysates after 0.1 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 36.5 kDa band according to NP_000665.1 and NP_001041695.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands).

Publications

Funakoshi H, Chan TO, Good JC et al. Regulated overexpression of the A1-adenosine receptor in mice results in adverse but reversible changes in cardiac morphology and function. Circulation 2006-11-21 [PMID: 17088462]





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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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