

For Research Use Only



Adenosine A1 Receptor Polyclonal antibody

Catalog Number: 20332-1-AP

Basic Information

Catalog Number: 20332-1-AP	GenBank Accession Number: BC026340	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 134	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: adenosine A1 receptor	
Isotype: IgG	Calculated MW: 326 aa, 37 kDa	
Immunogen Catalog Number: AG14092	Observed MW: 39 kDa	

Applications

Tested Applications: FC, IHC, WB, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : mouse eye tissue, IHC : mouse brain tissue, mouse cerebellum tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

ADORA1, also named as RDC7, is a receptor for adenosine. It is mediated by G proteins which inhibit adenyl cyclase. Adenosine is an important mediator of ethanol intoxication and exerts some of its effects via ADORA1 in the central nervous system.

Storage

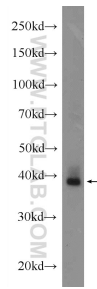
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

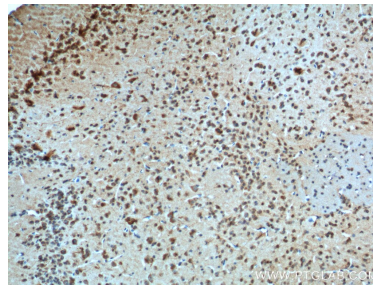
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

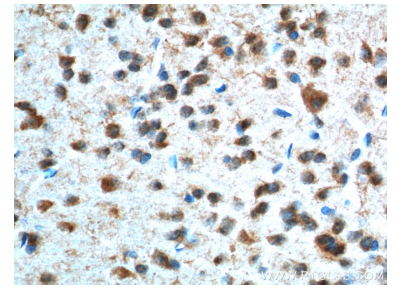
Selected Validation Data



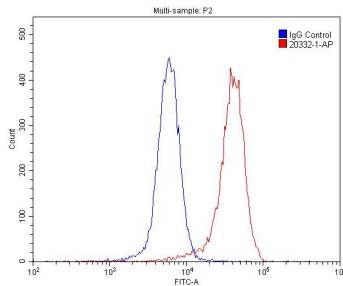
mouse eye tissue were subjected to SDS PAGE followed by western blot with 20332-1-AP (Adenosine A1 Receptor antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20332-1-AP (Adenosine A1 Receptor antibody at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 20332-1-AP (Adenosine A1 Receptor antibody at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ SH-SY5Y cells were stained with 0.2ug Adenosine A1 Receptor antibody (20332-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.