

For Research Use Only

ADORA2A Polyclonal antibody, PBS Only

Catalog Number: 51092-1-PBS



Basic Information

Catalog Number: 51092-1-PBS	GenBank Accession Number: BC013780	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 135	
Source: Rabbit	UNIPROT ID: P29274	
Isotype: IgG	Full Name: adenosine A2a receptor	
Immunogen Catalog Number: AG0470	Calculated MW: 412 aa, 45 kDa	
	Observed MW: 38 kDa, 40-45 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Adenosine (ADO) is a retaliatory metabolite that is expressed in conditions of injury or stress. Its physiological functions are mediated through interaction with four specific transmembrane receptors called ADORA1, ADORA2A, ADORA2B, and ADORA3 (PMID:23994158). ADORA2A (adenosine A2A receptor) has been shown to dampen inflammatory responses. ADORA2A signaling has been discovered on polymorphonuclear neutrophils (PMNs) (PMID:36009485).

Storage

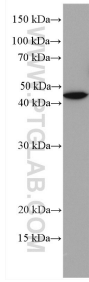
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

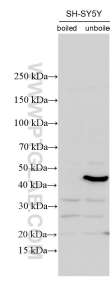
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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

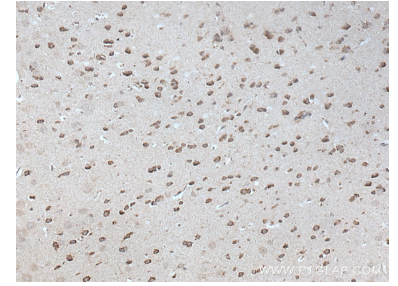
Selected Validation Data



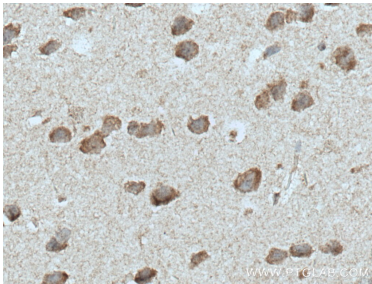
mouse brain tissue were subjected to SDS PAGE followed by western blot with 51092-1-AP (ADORA2A antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 51092-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 51092-1-AP (ADORA2A antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 51092-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 51092-1-AP (ADORA2A antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 51092-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 51092-1-AP (ADORA2A antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 51092-1-PBS in a different storage buffer formulation.