

ADORA1 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptides corresponding to the C-terminal portion of human and mouse Adenosine Receptor A1.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	whole serum
Contains	0.05% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2222210

Applications	Tested Dilution	Publications
Immunocytochemistry (ICC)	1:250	-
Immunofluorescence (IF)	1:250	-
Western Blot (WB)	1:500	1 Publication

Product Specific Information

PA3-041 detects Adenosine Receptor A1 from human and mouse samples. Reactivity is stronger in mouse, and is only recommended for use in overexpressed or recombinant human samples.

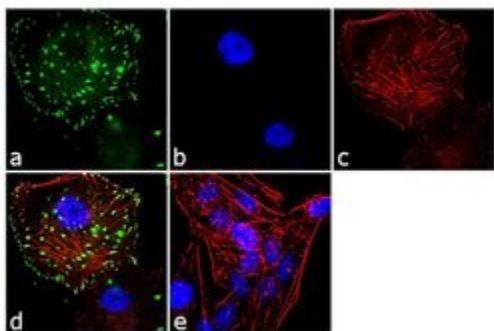
PA3-041 has been successfully used in Western blot applications. By Western blot PA3-041 detects a ~34-37 kDa band representing Adenosine Receptor A1 from mouse brain.

The PA3-041 immunogen is a mix of synthetic peptides corresponding to the C-terminal portion of human and mouse Adenosine Receptor A1 residues. The immunizing sequences are: C(309) Q P A P P I D E D L P E E R P D D(326) for human, and C(309) Q P K P P I E E D I P E E K A D D(326) for mouse.

Product Images For ADORA1 Polyclonal Antibody

ADORA1 Antibody (PA3-041) in IF

Immunofluorescence analysis of Adenosine Receptor A1 was performed using 90% confluent log phase HeLa cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with Adenosine Receptor A1 Rabbit Polyclonal Antibody (Product # PA3-041) at 1:250 dilution in 0.1% BSA and incubated for 3 hours at room temperature and then labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with SlowFade® Gold Antifade Mountant with DAPI (Product # S36938). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing localization in the membrane. Panel e shows the no primary antibody control. The images were captured at 60X magnification.



1 Reference

Western Blot (1)

Neuron

Increased Signaling via Adenosine A1 Receptors, Sleep Deprivation, Imipramine, and Ketamine Inhibit Depressive-like Behavior via Induction of Homer1a.

"Published figure using ADORA1 polyclonal antibody (Product # PA3-041) in Western Blot"

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Species
Not Applicable

Dilution
Not Cited

Year
2015

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