

Product Datasheet

Adenosine A2b R Antibody - BSA Free NBP2-41312

Unit Size: 0.1 mg

Store at 4C.

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Publications: 7

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NBP2-41312

Adenosine A2b R Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	41 kDa

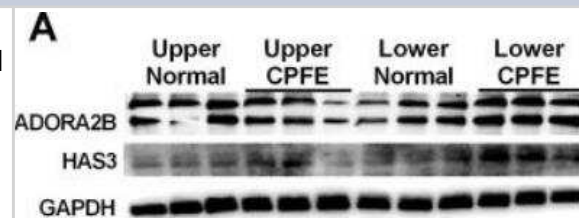
Product Description	
Description	Novus Biologicals Rabbit Adenosine A2b R Antibody - BSA Free (NBP2-41312) is a polyclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-Adenosine A2b R Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	136
Gene Symbol	ADORA2B
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rabbit (80%)
Specificity/Sensitivity	At least two isoforms of ADORA2B are known to exist; this antibody will detect both isoforms. ADORA2B antibody is predicted to not cross-react with ADORA2A.
Immunogen	Antibody was raised against a 19 amino acid peptide near the carboxy terminus of human ADORA2B. The immunogen is located within the last 50 amino acids of ADORA2B. Amino Acid Sequence: QADVKSGNGQAGVQPA

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.25- 0.5 ug/ml, Flow Cytometry, ELISA, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 20 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml
Application Notes	Use in FLOW reported in scientific literature (PMID: 30242135).

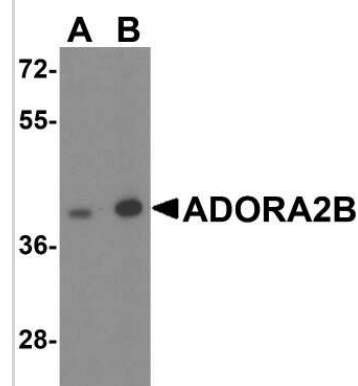


Images

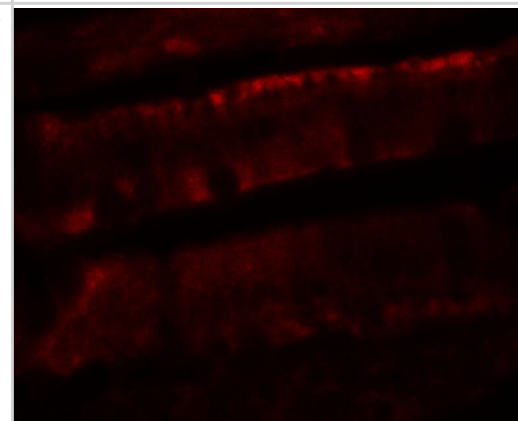
Western Blot: Adenosine A2b R Antibody [NBP2-41312] - ADORA2B and HAS3 are elevated in CPFE. Western blot for ADORA2B, HAS3 and GAPDH from upper and lower lobes from normal or CPFE lungs. Image collected and cropped by CiteAb from the following publication (<https://dmm.biologists.org/lookup/doi/10.1242/dmm.038711>) licensed under a CC-BY license.



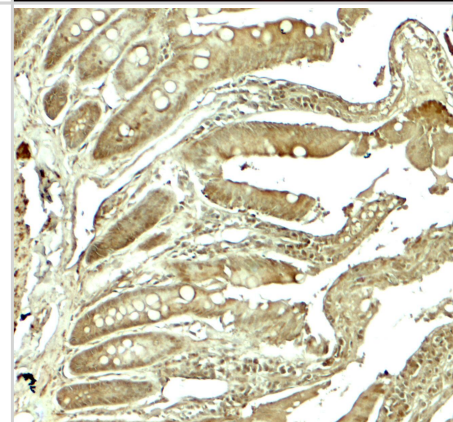
Western Blot: Adenosine A2b R Antibody [NBP2-41312] - Analysis of ADORA2B in mouse kidney tissue lysate with ADORA2B antibody at (A) 0.25 and (B) 0.5 ug/mL



Immunocytochemistry/ Immunofluorescence: Adenosine A2b R Antibody - BSA Free [NBP2-41312] - Immunofluorescence of Adenosine A2b R in rat colon tissue with Adenosine A2b R antibody at 20 u/mL.



Immunohistochemistry: Adenosine A2b R Antibody - BSA Free [NBP2-41312] - Immunohistochemistry of Adenosine A2b R in rat colon tissue with Adenosine A2b R antibody at 5 ug/mL.



Publications

Bao Q, Ganbold T, Qiburi Q et al. AMP functionalized curdlan nanoparticles as a siRNA carrier: Synthesis, characterization and targeted delivery via adenosine A(2B) receptor Int J Biol Macromol 2021-12-01 [PMID: 34743942] (Human)

Basu, M, Gupta, P Et al. Increased host ATP efflux and its conversion to extracellular adenosine is crucial for establishing Leishmania infection. J Cell Sci 2020-04-08 [PMID: 32079656] (IF/IHC, Mouse)

Pang L, Ng KT, Liu J et al. Plasmacytoid dendritic cells recruited by HIF-1 alpha /eADO/ADORA1 signaling induce immunosuppression in hepatocellular carcinoma Cancer letters 2021-09-16 [PMID: 34536555] (FLOW, Human)

Witteveldt J, Knol LI, Macias S Adenosine and hyaluronan promote lung fibrosis and pulmonary hypertension in combined pulmonary fibrosis and emphysema Dis Model Mech 2019-05-15 [PMID: 31036697] (WB)

Lan J, Lu H, Samanta D et al. Hypoxia-inducible factor 1-dependent expression of adenosine receptor 2B promotes breast cancer stem cell enrichment. Proc Natl Acad Sci U S A. 2018-10-09 [PMID: 30242135] (FLOW, Human)

Details:

Citation using the PE form of this antibody.

Xu X, Zhu Q, Niu F et al. A2BAR activation attenuates acute lung injury by inhibiting alveolar epithelial cell apoptosis both in vivo and in vitro Am. J. Physiol., Cell Physiol. 2018-06-13 [PMID: 29898376] (Mouse)

Ren ZH, Lin CZ, Cao W et al. CD73 is associated with poor prognosis in HNSCC. Oncotarget. 2016-09-20 [PMID: 27557512] (IF/IHC, WB, Human)





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Products Related to NBP2-41312

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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