Rabbit ADORA2B Polyclonal Antibody | anti-ADORA2B antibody

ADORA2B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40578	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

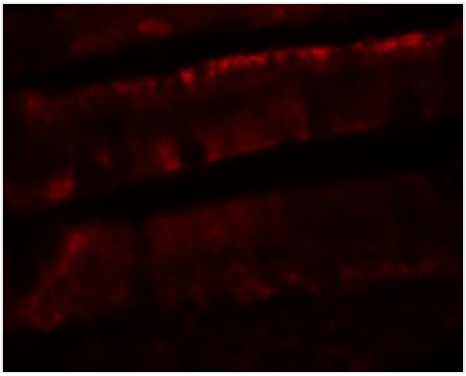
PRODUCT SYNONYMS

ADORA2B; Polyclonal Antibody; ADORA2B Antibody; Adenosine receptor A2b; ADORA2; adenosine A2b receptor; anti-ADORA2B antibody

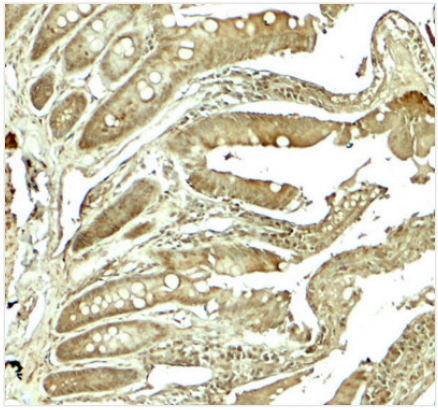
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ADORA2B antibody is human, mouse and rat reactive. 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.
Purity/Purification	ADORA2B antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; ADORA2B antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	332
Applicable Applications for anti-ADORA2B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	ADORA2B antibody was raised against a 19 amino acid peptide near the amino terminus of human ADORA2B. The immunogen is located within the last 50 amino acids of ADORA2B.
Positive Control	1) - Mouse Kidney Tissue Lysate 2) - Mouse Colon Tissue Lysate
Preparation and Storage	ADORA2B antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

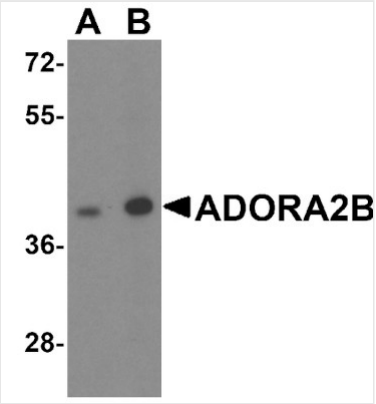
IMAGES



IF (Immunofluorescence)
Immunofluorescence of ADORA2B in rat colon tissue with ADORA2B antibody at 20 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of ADORA2B in rat colon tissue with ADORA2B antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of ADORA2B in mouse kidney tissue lysate with ADORA2B antibody at (A) 0.25 and (B) 0.5 μg/mL

ADDITIONAL INFORMATION

Related Product Information for anti-ADORA2B antibody	The adenosine receptor ADORA2B is a member of the G protein-coupled receptor superfamily and is an integral membrane protein that stimulates adenylate cyclase activity in the presence of adenosine (1,2). Extracellular adenosine triggers a potent anti-inflammatory response that is mediated in part by ADORA2B including the stimulation of IL-10 production (3-5). Activation of ADORA2B can also enhance the abundance of regulatory T cells (Tregs), a class of cells that work to constrain inflammation (6).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501951
NCBI GeneID	136
NCBI Accession #	NP_000667
NCBI GenBank Nucleotide #	NM_000676.2
UniProt Accession #	P29275
Molecular Weight	Predicted: 37 kDa Observed: 41 kDa
NCBI Official Full Name	adenosine receptor A2b
NCBI Official Synonym Full Names	adenosine A2b receptor

NCBI Official Symbol	ADORA2B
NCBI Official Synonym Symbols	ADORA2
NCBI Protein Information	adenosine receptor A2b
UniProt Protein Name	Adenosine receptor A2b
UniProt Gene Name	**ADORA2B**
UniProt Entry Name	AA2BR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/adora2b-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40578