

anti-Rat Alpha 2a Adrenergic Receptor Antibody | anti-ADRA2A antibody

Alpha 2a Adrenergic Receptor, Affinity Purified Antibody, Rabbit

CATALOG # AAA76560	REACTIVITY Rat	APPLICATIONS Immunohistochemistry
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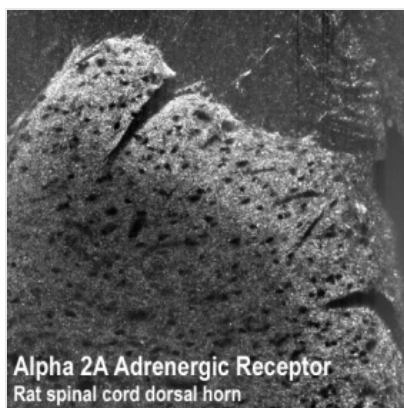
PRODUCT SYNONYMS

Alpha 2a Adrenergic Receptor; Affinity Purified Antibody; Rabbit; anti-ADRA2A antibody

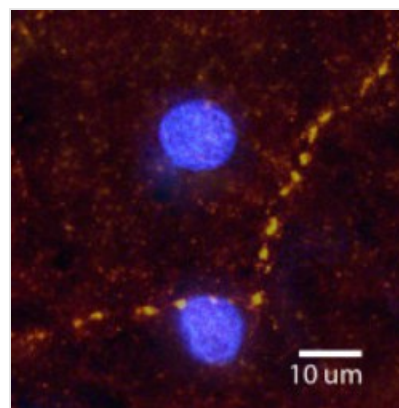
PRODUCT SPECIFICATIONS

Reactivity	Rat
Form/Format	Affinity Purified - Liquid
Sequence Length	465
Applicable Applications for anti-ADRA2A antibody	IHC (Immunohistochemistry)
Type Info	Rabbit IgG
Immunogen	(C)KASRWGRQNREKR

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-ADRA2A antibody	Alpha 2A, 2B, and 2C adrenergic receptors are seven transmembrane receptors that couple to inhibitory G-proteins. Alpha 2C has a wide distribution pattern in the CNS. On neurons, Alpha 2 adrenergic receptors (alpha 2ARs) are located on both pre- and postsynaptic domains where they mediate an inhibitory role in the central and peripheral nervous system. Alpha 2C has a wide distribution pattern in the CNS. At the spinal cord level the vast majority of alpha 2C is not of primary afferent origin; however, a small fraction of neurons in DRG do express mRNA for alpha 2C and harbor the protein. Colocalization has been observed between alpha 2C and enkephalin in the spinal cord dorsal horn, spinal cord interneurons and a-motoneurons. The distribution pattern of alpha 2C suggests functions at several levels in the brain. Antibody showed positive staining in rat spinal cord dorsal horn, ventral horn motor neurons and retina.
Product Categories/Family for anti-ADRA2A antibody	Antibodies; Neuronal-Glial Markers; Neuron/Synapse Markers; Alpha 2a Adrenergic Receptor

NCBI AND UNIPROT INFORMATION

NCBI GI #	194353970
NCBI GeneID	150
NCBI Accession #	NP_000672.3
NCBI GenBank Nucleotide #	NM_000681.3
Molecular Weight	48,957 Da
NCBI Official Full Name	alpha-2A adrenergic receptor
NCBI Official Synonym Full Names	adrenoceptor alpha 2A
NCBI Official Symbol	ADRA2A
NCBI Official Synonym Symbols	ADRA2; ADRAR; ZNF32; ADRA2R; ALPHA2AAR
NCBI Protein Information	alpha-2A adrenergic receptor
UniProt Protein Name	Alpha-2A adrenergic receptor
UniProt Gene Name	ADRA2A
UniProt Synonym Gene Names	ADRA2R; ADRAR; Alpha-2A adrenoceptor; Alpha-2AAR
UniProt Entry Name	ADA2A_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://stage.aaabiotech.com/rat-antibody/alpha-2a-adrenergic-receptor/76560>