

**ADRA2A Antibody (aa331-380)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS15101****Specification**

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**ADRA2A Antibody (aa331-380) - Product Information**

Application	IF, WB, IHC
Primary Accession	<a href="#">P08913</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49kDa KDa

**ADRA2A Antibody (aa331-380) - Additional Information****Gene ID** 150**Other Names**

Alpha-2A adrenergic receptor, Alpha-2 adrenergic receptor subtype C10, Alpha-2A adrenoreceptor, Alpha-2A adrenoceptor, Alpha-2AAR, ADRA2A, ADRA2R, ADRAR

**Target/Specificity**

Adrenergic Receptor alpha-2A Antibody detects endogenous levels of total Adrenergic Receptor alpha-2A protein.

**Reconstitution & Storage**

Store at -20°C for up to one year.

**Precautions**

ADRA2A Antibody (aa331-380) is for research use only and not for use in diagnostic or therapeutic procedures.

**ADRA2A Antibody (aa331-380) - Protein Information****Name** ADRA2A ([HGNC:281](#))**Synonyms** ADRA2R, ADRAR**Function**

Alpha-2 adrenergic receptors mediate the catecholamine- induced inhibition of adenylate cyclase through the action of G proteins. The rank order of potency for agonists of this receptor is oxymetazoline > clonidine > epinephrine > norepinephrine > phenylephrine > dopamine > p-synephrine > p-tyramine > serotonin = p- octopamine. For antagonists, the rank order is yohimbine > phentolamine = mianserine > chlorpromazine = spiperone = prazosin > propranolol > alprenolol = pindolol.

**Cellular Location**

Cell membrane; Multi-pass membrane protein

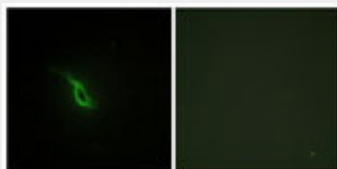
**Volume**  
50  $\mu$ l

### ADRA2A Antibody (aa331-380) - Protocols

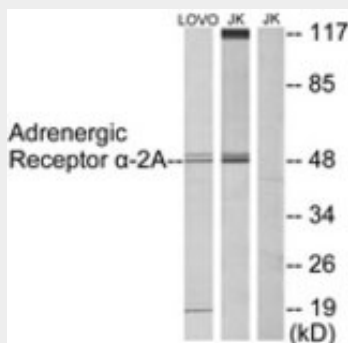
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

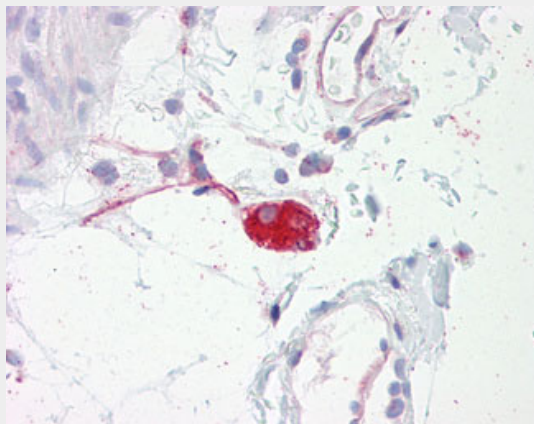
### ADRA2A Antibody (aa331-380) - Images



Immunofluorescence of NIH-3T3 cells, using Adrenergic Receptor alpha-2A Antibody.



Western blot of extracts from Jurkat/LOVO cells, using Adrenergic Receptor alpha-2A Antibody.



Anti-ADRA2A antibody IHC of human colon, submucosal plexus.

### **ADRA2A Antibody (aa331-380) - Background**

Alpha-2 adrenergic receptors mediate the catecholamine- induced inhibition of adenylate cyclase through the action of G proteins. The rank order of potency for agonists of this receptor is oxymetazoline > clonidine > epinephrine > norepinephrine > phenylephrine > dopamine > p-synephrine > p-tyramine > serotonin = p-octopamine. For antagonists, the rank order is yohimbine > phentolamine = mianserine > chlorpromazine = spiperone = prazosin > propranolol > alprenolol = pindolol.

### **ADRA2A Antibody (aa331-380) - References**

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