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ADRA2A Antibody (aa331-380)

Rabbit Polyclonal Antibody
Catalog # ALS15101

Specification

ADRA2A Antibody (aa331-380) - Product Information

Application	**IF, WB, IHC**
Primary Accession	P08913
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 > propanolol > alprenolol = pindolol.

Cellular Location
Cell membrane; Multi-pass membrane protein

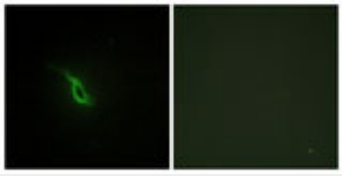
Volume
50 µl

ADRA2A Antibody (aa331-380) - Protocols

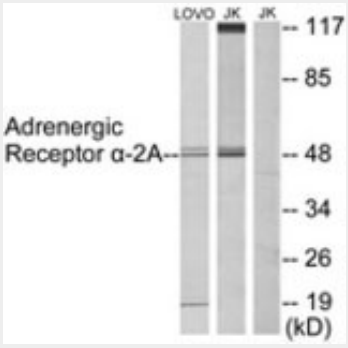
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

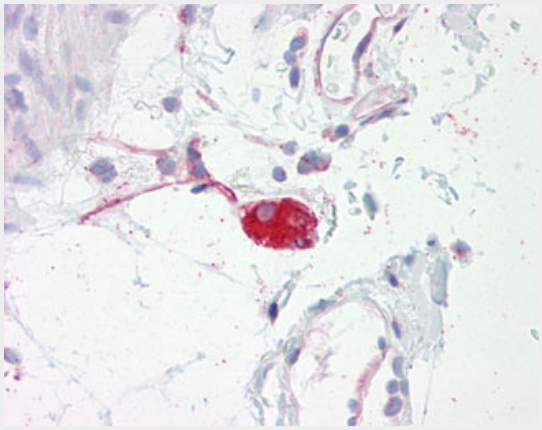
ADRA2A Antibody (aa331-380) - Images



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 > propanolol > alprenolol = pindolol.

ADRA2A Antibody (aa331-380) - References

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