

AR α 2A Polyclonal Antibody

Catalog # AP68481

Specification

AR α 2A Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P08913
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

AR α 2A Polyclonal Antibody - Additional Information

Gene ID 150

Other Names

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

Dilution

WB~~Western Blot: 1/500 - 1/2000.
Immunohistochemistry: 1/100 - 1/300.
Immunofluorescence: 1/200 - 1/1000.
ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage Conditions

-20°C

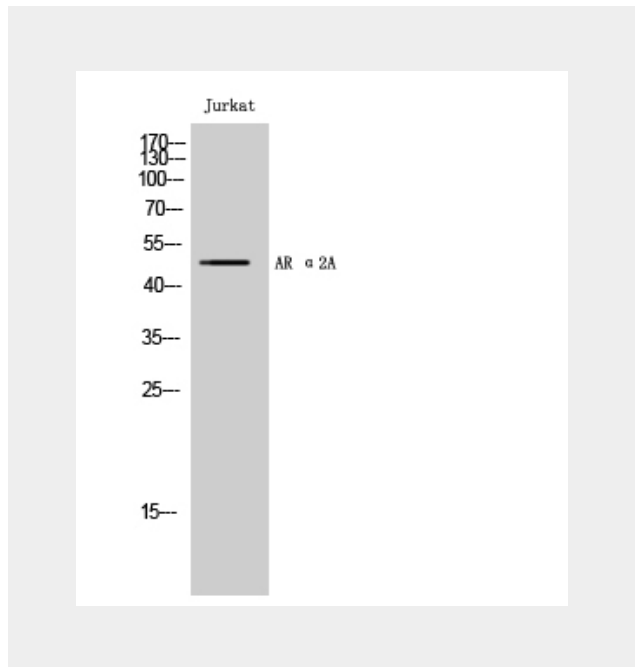
AR α 2A Polyclonal Antibody - Protein Information

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 >



AR α 2A Polyclonal Antibody - 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.

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phenylephrine > dopamine > p-synephrine
> p-tyramine > serotonin = p- octopamine.
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> phentolamine = mianserine >
chlorpromazine = spiperone = prazosin >
propanolol > alprenolol = pindolol.

Cellular Location

Cell membrane; Multi-pass membrane
protein

AR α 2A Polyclonal Antibody - 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](#)