

AR α 2A Rabbit pAb

CatalogNo: YT0298

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, ELISA

MW

- 48kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

IF 1:200-1:1000

ELISA 1:20000

Not yet tested in other applications.

| Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

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

| Basic Information

Clonality Polyclonal

| Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human Adrenergic Receptor alpha-2A. AA range:331-380

Specificity AR α 2A Polyclonal Antibody detects endogenous levels of AR α 2A protein.

Target Information

Gene name ADRA2A

Protein Name Alpha-2A adrenergic receptor

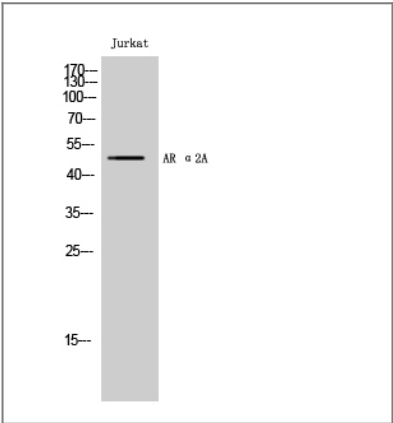
Organism	Gene ID	UniProt ID
Human	150 ;	P08913 ;
Mouse		Q01338 ;
Rat	25083 ;	P22909 ;

Cellular Localization Cell membrane ; Multi-pass membrane protein .

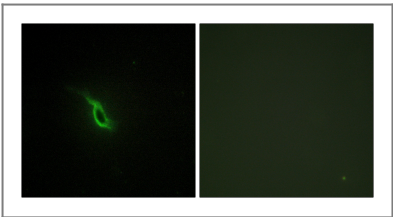
Tissue specificity Epithelium,Platelet,PNS,Testis,

Function 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.,similarity:Belongs to the G-protein coupled receptor 1 family.,

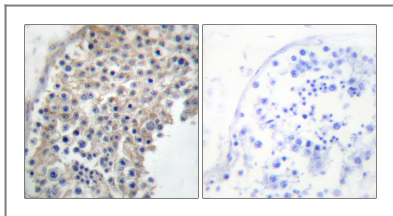
Validation Data



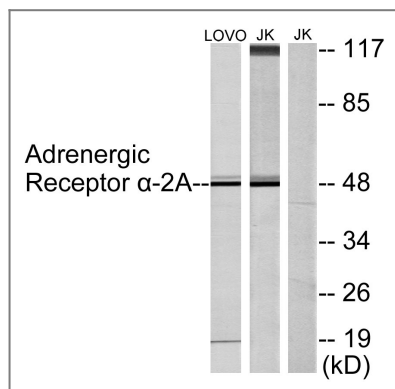
Western Blot analysis of Jurkat cells using AR α2A Polyclonal Antibody



Immunofluorescence analysis of NIH/3T3 cells, using Adrenergic Receptor alpha-2A Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human testis tissue, using Adrenergic Receptor alpha-2A Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat and LOVO cells, using Adrenergic Receptor alpha-2A Antibody. The lane on the right is blocked with the synthesized peptide.

Contact information

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Please scan the QR code to access additional product information:
AR α 2A Rabbit pAb

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