

AR- β 2 Polyclonal Antibody Catalog # AP73231

Specification

AR- β 2 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P07550
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

AR- β 2 Polyclonal Antibody - Additional Information

Gene ID 154

Other Names

ADRB2; ADRB2R; B2AR; Beta-2 adrenergic receptor; Beta-2 adrenoreceptor; Beta-2 adrenoceptor

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

AR- β 2 Polyclonal Antibody - Protein Information

Name ADRB2

Synonyms ADRB2R, B2AR

Function

Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. The beta-2-adrenergic receptor binds epinephrine with an approximately 30- fold greater affinity than it does norepinephrine.

Cellular Location

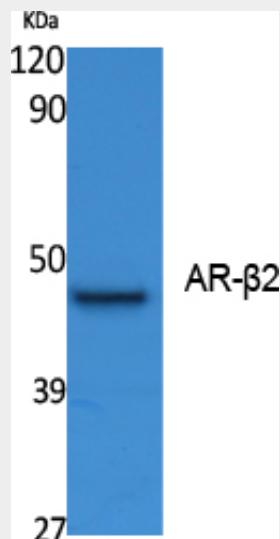
Cell membrane; Multi-pass membrane protein. Early endosome. Golgi apparatus. Note=Colocalizes with VHL at the cell membrane (PubMed:19584355). Activated receptors are internalized into endosomes prior to their degradation in lysosomes (PubMed:20559325) Activated receptors are also detected within the Golgi apparatus (PubMed:27481942).

AR- β 2 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](#)

AR- β 2 Polyclonal Antibody - Images



Western Blot analysis of extracts from K562 cells, using AR- β 2 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

AR- β 2 Polyclonal Antibody - Background

Beta-adrenergic receptors mediate the catecholamine- induced activation of adenylate cyclase through the action of G proteins. The beta-2-adrenergic receptor binds epinephrine with an approximately 30-fold greater affinity than it does norepinephrine.