

beta 2 Adrenergic Receptor Antibody

Rabbit mAb Catalog # AP91120

Specification

beta 2 Adrenergic Receptor Antibody - Product Information

Application WB, IHC, IP
Primary Accession P07550
Reactivity Rat
Clonality Monoclonal

Other Names

ADRB2; ADRB2R; ADRBR; Adrenergic beta 2 receptor surface; Adrenoceptor beta 2 surface; B2AR;

Beta-2 adrenoceptor; Catecholamine receptor;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 46459 Da

beta 2 Adrenergic Receptor Antibody - Additional Information

Dilution WB~~1:1000

IHC~~1:100~500

 $IP \sim \sim N/A$

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

beta 2 Adrenergic Receptor

Description 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.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

beta 2 Adrenergic Receptor 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

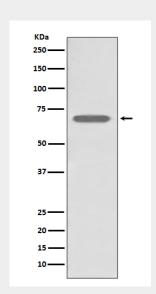
Cell membrane; Multi-pass membrane protein. Early endosome. Golgi apparatus. Note=Colocalizes with VHL at the cell membrane (PubMed:19584355). Activated receptors are internalized into endosomes prior to their degradation in lysosomes (PubMed:20559325) Activated receptors are also detected within the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

beta 2 Adrenergic Receptor 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 Cytomety
- Cell Culture

beta 2 Adrenergic Receptor Antibody - Images



Western blot analysis of beta 2 Adrenergic Receptor expression in A431 cell lysate.