10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ADRB2 Antibody (aa336-385)

Rabbit Polyclonal Antibody

Catalog # ALS15806

Specification

ADRB2 Antibody (aa336-385) - Product Information

Application	**IHC, IF, WB**
Primary Accession	P07550
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**46kDa KDa**

ADRB2 Antibody (aa336-385) - Additional Information

Gene ID 154

Other Names
Beta-2 adrenergic receptor, Beta-2 adrenoreceptor, Beta-2 adrenoceptor, ADRB2, ADRB2R, B2AR

Target/Specificity
ADRB2 Antibody detects endogenous levels of total ADRB2 protein.

Reconstitution & Storage
Store at -20°C for up to one year.

Precautions
ADRB2 Antibody (aa336-385) is for research use only and not for use in diagnostic or therapeutic procedures.

ADRB2 Antibody (aa336-385) - 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).

Volume

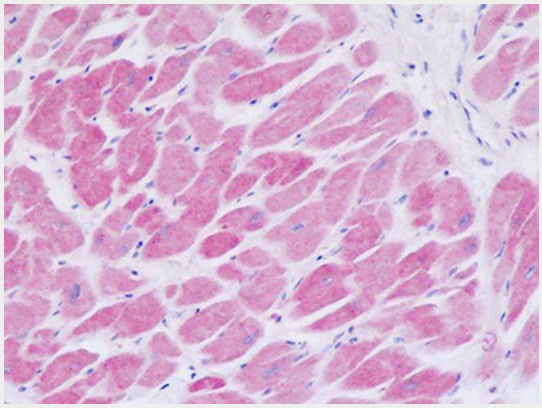
50 µl

ADRB2 Antibody (aa336-385) - Protocols

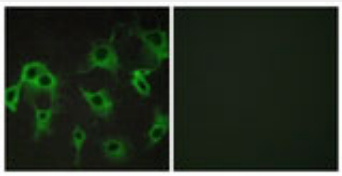
Provided below are standard protocols that you may find useful for product applications.

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

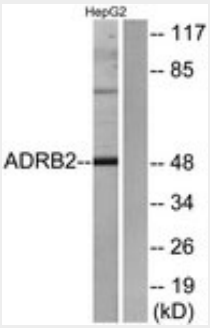
ADRB2 Antibody (aa336-385) - Images



Anti-ADRB2 antibody IHC staining of human heart.



Immunofluorescence of COS7 cells, using ADRB2 Antibody.



Western blot of extracts from HepG2 cells, using ADRB2 Antibody.

ADRB2 Antibody (aa336-385) - 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.

ADRB2 Antibody (aa336-385) - References

Chung F.-Z.,et al.FEBS Lett. 211:200-206(1987).
Kobilka B.K.,et al.J. Biol. Chem. 262:7321-7327(1987).
Schofield P.R.,et al.Nucleic Acids Res. 15:3636-3636(1987).
Kobilka B.K.,et al.Proc. Natl. Acad. Sci. U.S.A. 84:46-50(1987).
Emorine L.J.,et al.Proc. Natl. Acad. Sci. U.S.A. 84:6995-6999(1987).