

ADRB2 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10563**Specification**

ADRB2 Antibody (C-Terminus) - Product Information

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

ADRB2 Antibody (C-Terminus) - Additional Information**Gene ID** 154**Other Names**

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

Target/Specificity

Human ADRB2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

ADRB2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

ADRB2 Antibody (C-Terminus) - 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).

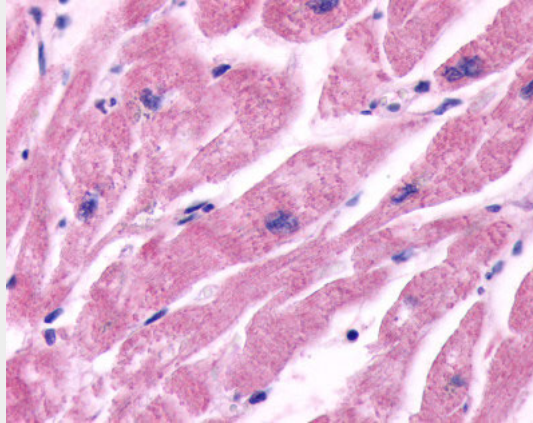
Volume
50 μ l

ADRB2 Antibody (C-Terminus) - Protocols

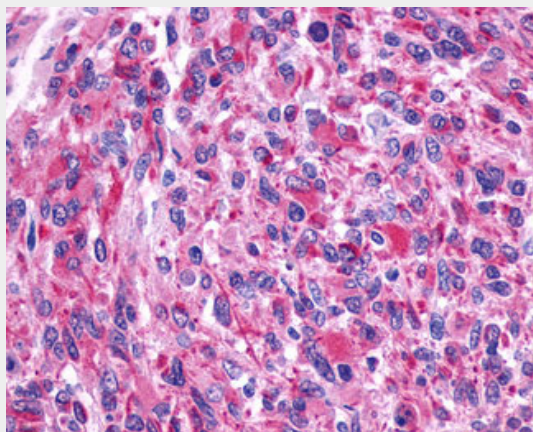
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

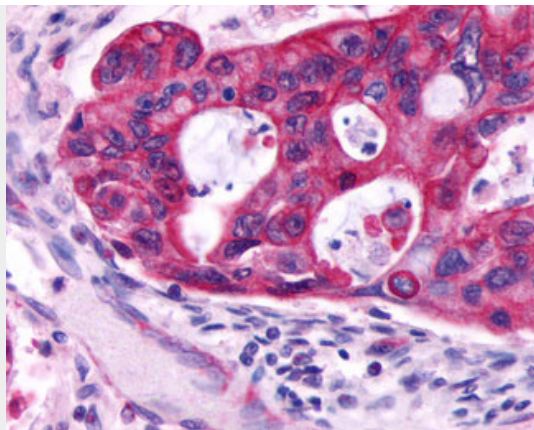
ADRB2 Antibody (C-Terminus) - Images



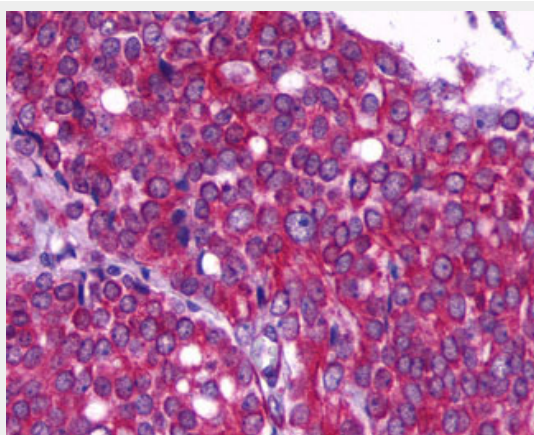
Anti-ADRB2 antibody ALS10563 IHC of human heart, cardiac myocytes.



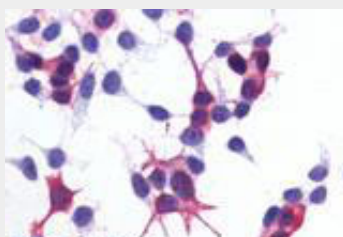
Anti-ADRB2 antibody IHC of human Brain, Glioblastoma.



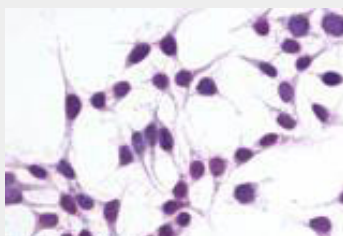
Anti-ADRB2 antibody IHC of human Colon, Carcinoma.



Anti-ADRB2 antibody IHC of human Prostate, Carcinoma.



Anti-ADRB2 antibody ALS10563 immunocytochemistry (ICC) staining of HEK293 human embryonic kidney...



Anti-ADRB2 antibody ALS10563 immunocytochemistry (ICC) staining of untransfected HEK293 human...

ADRB2 Antibody (C-Terminus) - 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 (C-Terminus) - 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).