

ADRA1B Antibody (Cytoplasmic Domain)
Rabbit Polyclonal Antibody
Catalog # ALS10148**Specification**

ADRA1B Antibody (Cytoplasmic Domain) - Product Information

Application	IHC-P
Primary Accession	P35368
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57kDa KDa
Dilution	IHC-P~~N/A

ADRA1B Antibody (Cytoplasmic Domain) - Additional Information**Gene ID** 147**Other Names**

Alpha-1B adrenergic receptor, Alpha-1B adrenoreceptor, Alpha-1B adrenoceptor, ADRA1B

Target/Specificity

Human ADRA1B. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except SLC22A3 (50%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

ADRA1B Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

ADRA1B Antibody (Cytoplasmic Domain) - Protein Information**Name** ADRA1B**Function**

This alpha-adrenergic receptor mediates its action by association with G proteins that activate a phosphatidylinositol- calcium second messenger system. Its effect is mediated by G(q) and G(11) proteins. Nuclear ADRA1A-ADRA1B heterooligomers regulate phenylephrine (PE)-stimulated ERK signaling in cardiac myocytes.

Cellular Location

Nucleus membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein. Cytoplasm Membrane, caveola. Note=Location at the nuclear membrane facilitates heterooligomerization and regulates ERK- mediated signaling in cardiac myocytes. signaling in cardiac myocytes Colocalizes with GNAQ, PLCB1 as well as LAP2 at the nuclear membrane of cardiac myocytes

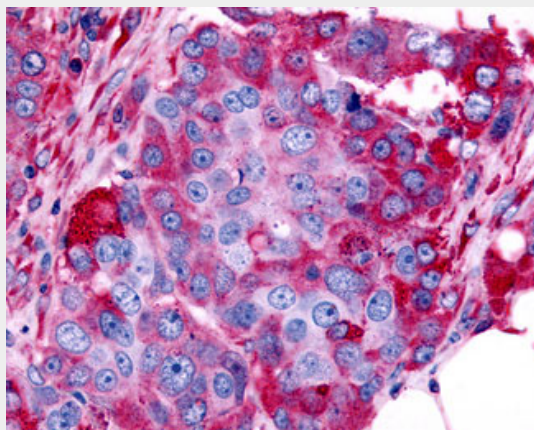
Volume
50 µl

ADRA1B Antibody (Cytoplasmic Domain) - Protocols

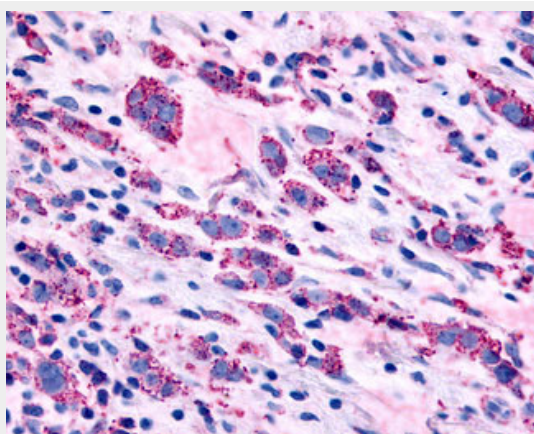
Provided below are standard protocols that you may find useful for product applications.

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

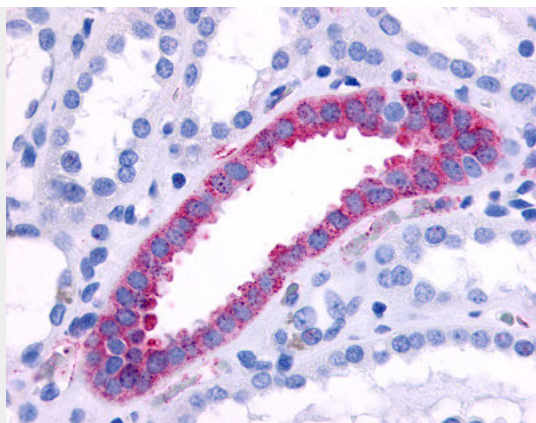
ADRA1B Antibody (Cytoplasmic Domain) - Images



Anti-ADRA1B antibody IHC of human Ovary, Carcinoma.



Anti-ADRA1B antibody IHC of human Breast, Carcinoma.



Anti-ADRA1B antibody ALS10148 IHC of human kidney, collecting duct.

ADRA1B Antibody (Cytoplasmic Domain) - Background

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ADRA1B Antibody (Cytoplasmic Domain) - References

- Ramarao C.S.,et al.J. Biol. Chem. 267:21936-21945(1992).
Forray C.,et al.Mol. Pharmacol. 45:703-708(1994).
Schwinn D.A.,et al.J. Pharmacol. Exp. Ther. 272:134-142(1995).
Wright C.D.,et al.Circ. Res. 103:992-1000(2008).
Wright C.D.,et al.Cell. Signal. 24:794-802(2012).