

alpha 1a Adrenergic Receptor Rabbit mAb
Catalog # AP75059**Specification**

alpha 1a Adrenergic Receptor Rabbit mAb - Product Information

Application	WB, IHC-P
Primary Accession	P35348
Reactivity	Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	51487

alpha 1a Adrenergic Receptor Rabbit mAb - Additional Information**Gene ID** 148**Other Names**
ADRA1A**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A**Format**
Liquid**alpha 1a Adrenergic Receptor Rabbit mAb - Protein Information****Name** ADRA1A**Synonyms** ADRA1C**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. Colocalizes with GNAQ, PLCB1 as well as LAP2 at the nuclear membrane of cardiac myocytes

Tissue Location

Expressed in heart, brain, liver and prostate, but not in kidney, lung, adrenal, aorta and pituitary. Within the prostate, expressed in the apex, base, periurethral and lateral lobe. Isoform 4 is the most abundant isoform expressed in the prostate with high levels also detected in liver and heart.

alpha 1a Adrenergic Receptor Rabbit mAb - 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](#)

alpha 1a Adrenergic Receptor Rabbit mAb - Images

