

**(DANRE) adra2a Antibody (Center)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21215c**

**Specification**

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**(DANRE) adra2a Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O90WY4</a>
Reactivity	Zebrafish
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	43997
Antigen Region	223-256

**(DANRE) adra2a Antibody (Center) - Additional Information**

**Other Names**

Alpha-2A adrenergic receptor, Alpha-2A adrenoreceptor, Alpha-2A adrenoceptor, Alpha-2AAR, adra2a

**Target/Specificity**

This DANRE adra2a antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 223-256 amino acids from the Central region of DANRE adra2a.

**Dilution**

WB~~1:2000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

(DANRE) adra2a Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**(DANRE) adra2a Antibody (Center) - Protein Information**

**Name** adra2a {ECO:0000250|UniProtKB:P08913}

**Function** Alpha-2 adrenergic receptors mediate the catecholamine- induced inhibition of adenylate cyclase through the action of G proteins. The order of potency for this receptor is dexmedetomidine > oxymetazoline = epinephrine > norepinephrine.

### Cellular Location

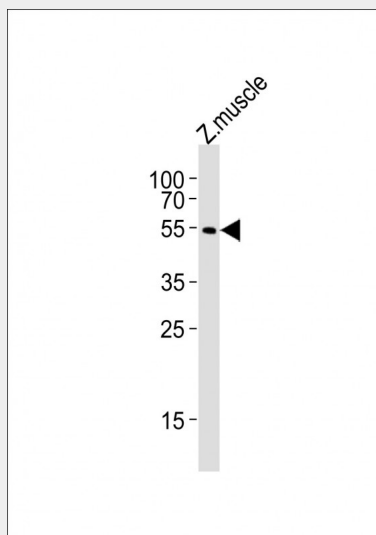
Cell membrane; Multi-pass membrane protein.

### (DANRE) adra2a Antibody (Center) - 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](#)

### (DANRE) adra2a Antibody (Center) - Images



Anti-(DANRE) adra2a Antibody (Center) at 1:2000 dilution + zebrafish muscle lysates  
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated  
at 1/10000 dilution Predicted band size : 44 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

### (DANRE) adra2a Antibody (Center) - Background

Alpha-2 adrenergic receptors mediate the catecholamine- induced inhibition of adenylate cyclase through the action of G proteins. The order of potency for this receptor is dexmedetomidine > oxymetazoline = epinephrine > norepinephrine.

### (DANRE) adra2a Antibody (Center) - References

Ruuskanen J.O.,et al.Mol. Biol. Evol. 21:14-28(2004).  
Ruuskanen J.O.,et al.Br. J. Pharmacol. 144:165-177(2005).