

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

Zebrafish adra2a Antibody (Center) - Product Information

Application	WB,E
Primary Accession	O90WY4
Reactivity	Zebrafish
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Antigen Region	223-256

Zebrafish adra2a Antibody (Center) - Additional Information**Other Names**

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

Target/Specificity

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

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

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

Zebrafish 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.

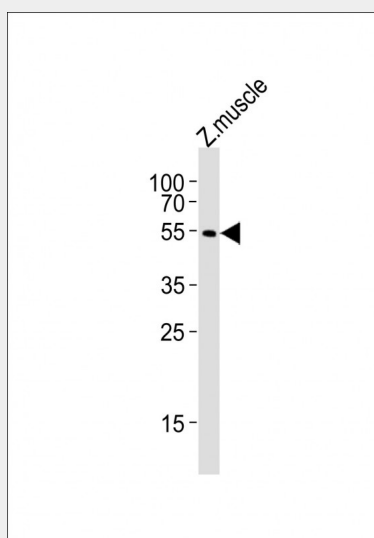
Cellular Location

Cell membrane; Multi-pass membrane protein.

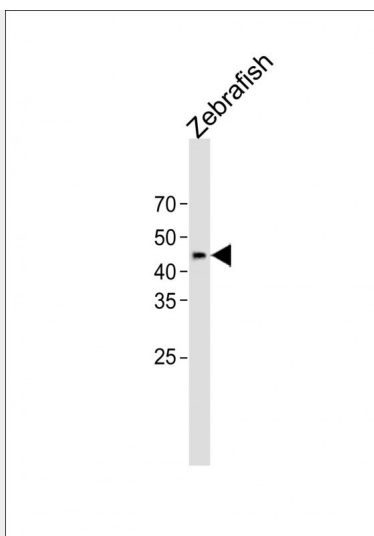
Zebrafish adra2a Antibody (Center) - Protocols

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](#)

Zebrafish adra2a Antibody (Center) - Images

Anti-Zebrafish 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.



All lanes: Anti-Zebrafish adra2a Antibody (Center) at 1:1000 dilution + zebrafish whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 44 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

Zebrafish 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.

Zebrafish 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).