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(DANRE) adra2a Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21215c

Specification

(DANRE) adra2a Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q90WY4
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.

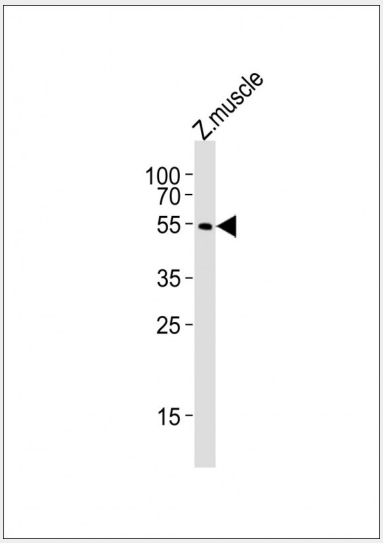
Cellular Location
Cell membrane; Multi-pass membrane protein.

(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 Cytomety
- 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).