

# (DANRE) adra2a Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21215c

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q90WY4</a>
<b>Reactivity</b>	Zebrafish
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB52053
<b>Calculated MW</b>	43997

## Additional Information

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<b>Other Names</b>	Alpha-2A adrenergic receptor, Alpha-2A adrenoreceptor, Alpha-2A adrenoceptor, Alpha-2AAR, adra2a
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	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.
<b>Storage</b>	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.
<b>Precautions</b>	(DANRE) adra2a Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	adra2a {ECO:0000250 UniProtKB:P08913}
<b>Function</b>	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.
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein.

## Background

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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.

## References

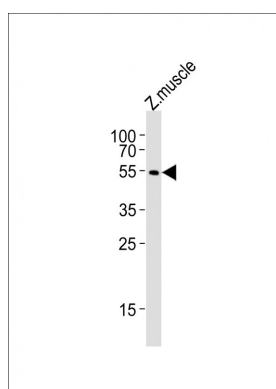
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Ruuskanen J.O.,et al.Mol. Biol. Evol. 21:14-28(2004).

Ruuskanen J.O.,et al.Br. J. Pharmacol. 144:165-177(2005).

## Images

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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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.