

(DANRE) adra2a Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP21215c

Product Information

WB, E
<u>Q90WY4</u>
Zebrafish
Rabbit
polyclonal
Rabbit IgG
RB52053
43997

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~~1:1000 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	(DANRE) adra2a Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

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.

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.

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).

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.

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