



PRODUCT DATA SHEET

Bioworld Technology, Inc.

adra2a polyclonal antibody

Catalog: BS32807

Host: Rabbit

Reactivity: Zebrafish

BackGround:

Alpha-2A adrenergic receptor: Alpha-2 adrenergic receptors are G protein-coupled receptors for catecholamines that activate the G(i/o) protein pathway, thereby promoting adenylyl cyclase inhibition, ERK1/2 stimulation, and voltage-gated calcium channels suppression. ADRA2A and ADRA2C mediates the presynaptic feedback inhibition of neurotransmitter release from noradrenergic nerve terminals in sympathetic and central nervous systems. ADRA2A inhibits transmitter release at high stimulation frequencies, whereas ADRA2C modulates neurotransmission at lower levels of nerve activity (By similarity). The order of potency for this receptor is dexmedetomidine > oxymetazoline = epinephrine > norepinephrine

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~44.0 kDa

Swiss-Prot:

Q90WY4

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

matography.

Applications:

WB (1/500 - 1/1000)

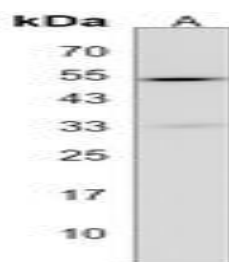
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of adra2a protein.

DATA:



Flow cytometric analysis of human peripheral blood lymphocytes using Anti-CD2 Antibody, followed by anti-mouse IgG PE.

Note:

For research use only, not for use in diagnostic procedure.

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