

Product datasheet

alpha 2a Adrenergic Receptor peptide ab82446

1 Image

Overview

Product name alpha 2a Adrenergic Receptor peptide

Description

Nature Synthetic

Amino Acid Sequence

Sequence FGYCNSSLNPVIYTIFNH

Specifications

Our [Abpromise guarantee](#) covers the use of **ab82446** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Blocking
Western blot
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Form Liquid

Additional notes This product has been dissolved by DMF

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

General Info

Function Alpha-2 adrenergic receptors mediate the catecholamine-induced inhibition of adenylate cyclase through the action of G proteins. The rank order of potency for agonists of this receptor is oxymetazoline > clonidine > epinephrine > norepinephrine > phenylephrine > dopamine > p-synephrine > p-tyramine > serotonin = p-octopamine. For antagonists, the rank order is yohimbine > phentolamine = mianserine > chlorpromazine = spiperone = prazosin > propanolol > alprenolol = pindolol.

Sequence similarities Belongs to the G-protein coupled receptor 1 family. Adrenergic receptor subfamily. ADRA2A

sub-subfamily.

Cellular localization

Cell membrane.

Images

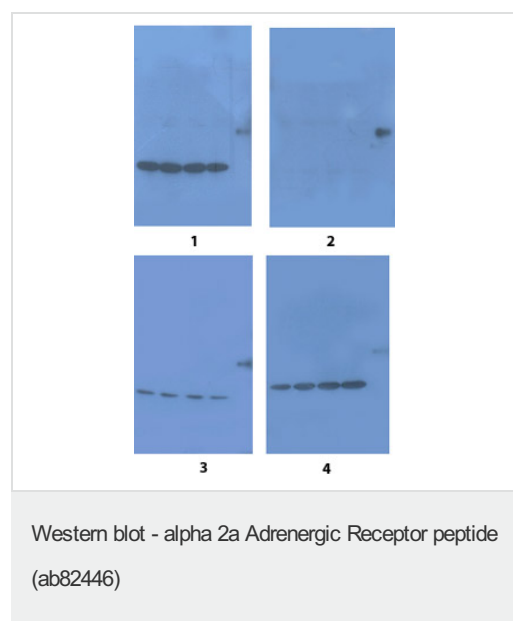


Image 1: anti-ADRA2 (1 µg/ml)

Image 2: anti-ADRA2 (1 µg/ml)

+ ab82446 (10 µg/ml)

Image 3: anti-ADRA2 (1 µg/ml) + ab82446 (1 µg/ml)

Image 4: anti-ADRA2 (1 µg/ml) + ab82446 (0.1 µg/ml)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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