

Product datasheet

alpha 2a Adrenergic Receptor peptide (246-258)
ab45883

Overview

Product name alpha 2a Adrenergic Receptor peptide (246-258)

Description

Nature Synthetic
Amino Acid Sequence
Species Human
Sequence C-TERRPNGLGPERS
Amino acids 246 to 258

Specifications

Our [Abpromise guarantee](#) covers the use of **ab45883** in the following tested applications.

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

Applications Blocking - Blocking peptide for Anti-alpha 2a Adrenergic Receptor antibody ([ab45871](#))

Form Liquid

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 > propranolol > alprenolol = pindolol.

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

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