

Product datasheet

Mint3 peptide ab4981

Overview

Product name Mint3 peptide

Description

Nature Synthetic

Specifications

Our [Abpromise guarantee](#) covers the use of **ab4981** in the following tested applications.

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

Applications Blocking

Form Liquid

Additional notes

This peptide may be used for neutralization and control experiments with the polyclonal antibody that reacts with this product and rat Mint 3 protein, catalog [ab3450](#). Using a solution of peptide of equal volume and concentration to the corresponding antibody will yield a large molar excess of peptide (~ 70-fold) for competitive inhibition of antibody-protein binding reactions.

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

General Info

Function May modulate processing of the beta-amyloid precursor protein (APP) and hence formation of beta-APP. May enhance the activity of HIF1A in macrophages by inhibiting the activity of HIF1AN.

Tissue specificity Expressed in all tissues examined with lower levels in brain and testis.

Sequence similarities Contains 2 PDZ (DHR) domains.
Contains 1 PID domain.

Domain Composed of an N-terminal domain, a middle phosphotyrosine-binding domain (PID/PTB) that mediates binding with the cytoplasmic domain of the beta-amyloid precursor protein, and two C-terminal PDZ domains thought to attach proteins to the plasma membrane.

Cellular localization

Cytoplasm > perinuclear region.

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