

Product datasheet

Synaptogyrin 3 peptide (131-144) ab45657

Overview

**Product name** Synaptogyrin 3 peptide (131-144)

Description

**Nature** Synthetic

Amino Acid Sequence

**Species** Human

**Sequence** CQRTAPGPATTQAGD

**Amino acids** 131 to 144

Specifications

Our [Abpromise guarantee](#) covers the use of **ab45657** 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-Synaptogyrin 3 antibody ([ab26059](#))

**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** Involved in the positive regulation of dopamine transporter activity. Probably facilitates the physical and functional interactions of the transporter with the dopamine vesicular storage system, allowing a more efficient loading of the vesicles with extracellular dopamine after release.

**Tissue specificity** Expressed in brain and placenta.

**Sequence similarities** Belongs to the synaptogyrin family.  
Contains 1 MARVEL domain.

**Cellular localization** Membrane. Cytoplasmic vesicle > secretory vesicle > synaptic vesicle. Cell junction > synapse.  
Found at the neuromuscular synapses.

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