

Anti-Synaptotagmin IV Rabbit IgG Affinity Purify

Polyclonal Antibody

Cat.NO.: PA01195

3th Edition

Description: Synaptotagmin family proteins consist of a single N-terminal transmembrane domain and C-terminal tandem C2 domains (C2A and C2B), which have the ability to bind Ca^{2+} and phospholipid, and 15 synaptotagmin isoforms have been reported in the mouse and humans to date. The best-characterized isoform, synaptotagmin I, is essential for synaptic vesicle exocytosis and endocytosis.

Antigen: Recombinant Synaptotagmin IV C2A domain

Form: Lyophilized product from 1% BSA in PBS containing 0.05% NaN₃

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Cross-react with mouse and rat Synaptotagmin IV. Not cross-react with the other members of synaptotagmin family