

Synaptopodin (PT1392R) PT™ Rabbit mAb

CatalogNo: YM9234 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, IF, IP, ELISA

MW

- 99kD (Calculated)
- 100kD (Observed)

Isotype

- IgG, Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

Recommended Dilution Ratios

IHC 1:200-1:1000**WB 1:2000-1:10000****IF 1:200-1:1000****ELISA 1:5000-1:20000****IP 1:50-1:200**

Basic Information

Clonality Monoclonal**Clone Number** PT1392R

Immunogen Information

Specificity Endogenous

Target Information

Gene name SYNPO KIAA1029

Protein Name Synaptopodin

Organism	Gene ID	UniProt ID
Human	11346;	Q8N3V7;
Mouse		Q8CC35;
Rat	60324;	Q9Z327;

Cellular Localization

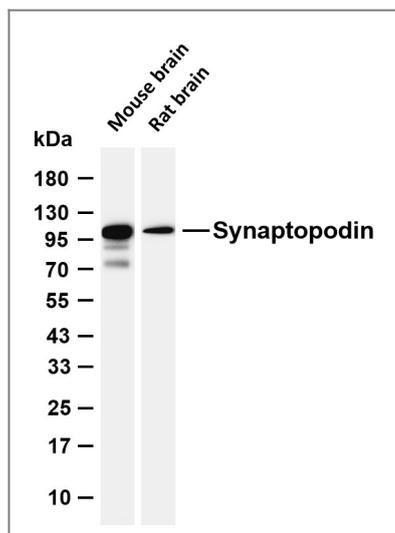
Cytoplasm, cytoskeleton . Cell junction, tight junction . Perikaryon . Cell projection, dendritic spine . Cell junction, synapse, postsynaptic density . Cell junction, synapse . Cytoplasm, cytosol . Localized at the tight junction of cells. In brain, localized to the postsynaptic densities and in the perikarya. Associated with dendritic spines of a subset of synapses. .

Tissue specificity Expressed in cerebral cortex.

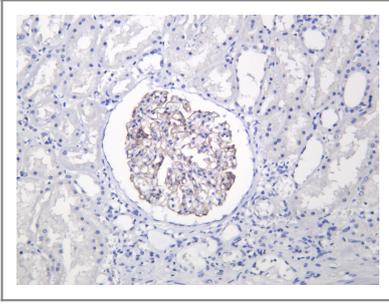
Function

Actin-associated protein that may play a role in modulating actin-based shape and motility of dendritic spines and renal podocyte foot processes. Seems to be essential for the formation of spine apparatuses in spines of telencephalic neurons, which is involved in synaptic plasticity (By similarity).

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Synaptopodin (PT1392R) antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: Mouse brain Lane 2: Rat brain Predicted band size: 99kDa Observed band size: 100kDa



Human kidney was stained with anti-Synaptopodin (PT1392R) Rabbit antibody

Contact information

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Please scan the QR code to access additional product information:
Synaptopodin (PT1392R) PT™ Rabbit mAb

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