

Anti-Human /Mouse /Rat ZDHHC17 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA03584

3th Edition

Description: Palmitoyltransferase ZDHHC17 is an enzyme that contains a DHHC domain that in humans is encoded by the ZDHHC17 gene. Palmitoyltransferase specific for a subset of neuronal proteins, including SNAP25, DLG4/PSD95, GAD2, SYT1 and HD. Palmitoylates MPP1 in erythrocytes. May be involved in the sorting or targeting of critical proteins involved in the initiating events of endocytosis at the plasma membrane. Has transforming activity. Mediates Mg²⁺ transport.

Antigen: Synthetic peptide of human ZDHHC17

Form:

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: Expressed in all brain regions. Expression is highest in the cortex, cerebellum, occipital lobe and caudate and lowest in the spinal cord. Expression is also seen in testis, pancreas, heart and kidney. ZDHHC17 is the only palmitoyltransferase in erythrocytes.