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35-1692: Polyclonal Antibody to GRASP

Clonality: Polyclonal

Application: WB

Reactivity: Human, Mouse, Rat

Gene: Gripap1 Gene ID: 116493 **Uniprot ID:** Q9JHZ4 Format: Purified

Alternative Name: Gripap, Grasp, GRIP1-associated protein

Rabbit IgG Isotype:

Immunogen Information: Peptide sequence around aa. 814-818(Q-E-I-V-R) derived from Rat GRASP.

Description

GRASP (GRP1-associated scaffold protein, tamalin) is a 395 amino acid protein encoded by the human gene GRASP . GRASP is a scaffold protein that com-prises multiple protein-interacting domains, including a 95 kDa postsynaptic density protein (PSD-95)/discs-large/ZO-1 (PDZ) domain, a leucine-zipper region and a carboxyl-terminal PDZ-binding motif. GRASP is involved with intracellular trafficking and contributes to the macromolecular organization of group 1 metabotropic glutamate receptors (mGluRs) at synapses. GRASP forms a heteromer composed of GRASP, PSCD2 and at least one mGluR-1. It also interacts with PSCD3, mGluR-2, mGluR-3 and mGluR-5. GRASP is highly expressed in brain and has lower levels of expression in lung, heart, embryo, kidney and ovary.

Product Info

Amount: $50 \mu l / 100 \mu l$

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM Content:

NaCl, 0.02% sodium azide and 50% glycerol.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

Predicted MW: 95kd, Western blotting: 1:500~1:1000

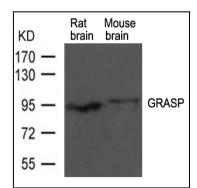


Figure 1: Western blot analysis of extracts from rat brain and mouse brain tissue using GRASP Antibody 35-1692