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# GPM6A Polyclonal Antibody

**Cat #:** G-AB-00798

**Host:** Rabbit **Reactivity:** Human, Mouse, Rat

**Isotype:** IgG **Clonality:** Polyclonal

**Overview:**
Neuronal membrane glycoprotein M6-ais aproteinthat in humans is encoded by theGPM6Agene. Involved in neuronal differentiation, including differentiation and migration of neuronal stem cells. Plays a role in neuronal plasticity and is involved in neurite and filopodia outgrowth, filopodia motility and probably synapse formation. GPM6A-induced filopodia formation involves mitogen-activated protein kinase (MAPK) and Src signaling pathways. May be involved in neuronal NGF-dependent Ca2+ influx. May be involved in regulation of endocytosis and intracellular trafficking of G-protein-coupled receptors (GPCRs); enhances internalization and recycling of mu-type opioid receptor.

**Gene ID:**

**Accession #:** BC022508

**Immunogen:** Recombinant protein of human GPM6A

**Conjugation:** Unconjugated

**Swissprot:** P51674

**Calculated Molecular Weight:** 31 kDa

**Observed Molecular Weight:**

**Concentration:** 0.4 mg/mL

**Buffer:** PBS with 0.05% sodium azide and 50% glycerol, PH7.4

**Purification Method:** Affinity purification

**Application:** WB,IHC,ELISA

**Dilution:** WB 1:1000-1:5000, IHC 1:50-1:200

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.