USA Tel: 1-877-374-4368 • Int. Tel: 1-718-484-3990
sales@epigentek.com • www.epigentek.com

GPM6A Polyclonal Antibody

(Catalog # A59282)

Background
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 Ca(2+) 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.

Description
GPM6A Polyclonal Antibody. Unconjugated. Raised in: Rabbit.

Formulation
Liquid. 0.03% Proclin 300, 50% Glycerol, 0.01M PBS, PH 7.4.

Specificity
Human, Mouse

Isotype
IgG

Uniprot ID
P51674

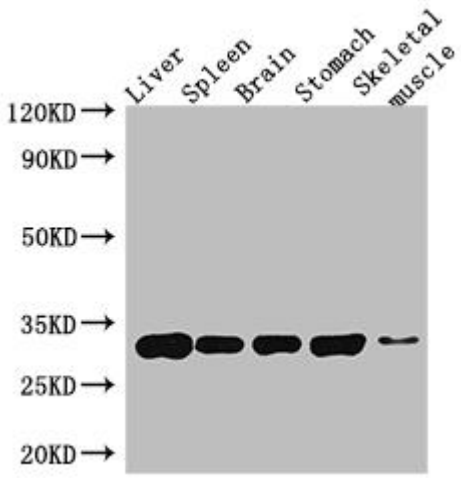
Purification
>95%, Protein G purified

Immunogen
Recombinant Human Neuronal membrane glycoprotein M6-a protein (149-213AA)

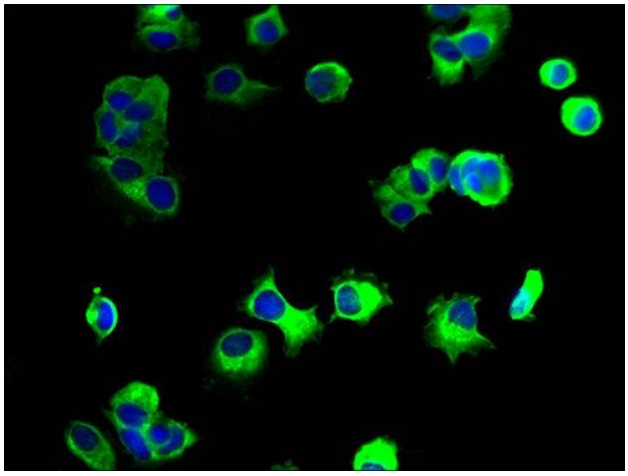
Storage
Shipped at 4°C. Upon delivery aliquot and store at -20°C (short-term) or -80°C (long-term). Avoid repeated freeze.

Alternative Names
Neuronal membrane glycoprotein M6-a, M6a, GPM6A, M6A

Application
ELISA, WB, IF; Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200



Western Blot
Positive WB detected in: Mouse liver tissue, Mouse spleen tissue, Mouse brain tissue, Mouse stomach tissue, Mouse skeletal muscle tissue
All lanes: GPM6A Polyclonal Antibody at 4ug/ml
Secondary
Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 32, 31, 30 kDa
Observed band size: 32 kDa



Immunofluorescent analysis of MCF-7 cells at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

