

Rabbit GPM6A Polyclonal Antibody | anti-GPM6A antibody

GPM6A Polyclonal Antibody

CATALOG # AAA167099	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

GPM6A; Polyclonal Antibody; GPM6A Polyclonal Antibody; M6A; GPM6; anti-GPM6A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.1mg/mL (varies by lot)
Sequence	humanGPM6A ,atAArange :148-278aa
Sequence Length	78
Applicable Applications for anti-GPM6A antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using GPM6A Polyclonal Antibody at dilution of 1:50



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human brain using GPM6A Polyclonal Antibody at dilution of 1:50



WB (Western Blot)

Western Blot analysis of Human fetal brain tissue using GPM6A Polyclonal Antibody at dilution of 1:1050

ADDITIONAL INFORMATION

Related Product Information for anti-GPM6A antibody	Background/Introduction: Neuronal membrane glycoprotein M6-a is a protein that in humans is encoded by the GPM6A gene. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	71296879
NCBI GeneID	2823
Molecular Weight	31kDa
NCBI Official Full Name	GPM6A protein
NCBI Official Synonym Full Names	glycoprotein M6A
NCBI Official Symbol	GPM6A
NCBI Official Synonym Symbols	M6A; GPM6
NCBI Protein Information	neuronal membrane glycoprotein M6-a
UniProt Protein Name	Neuronal membrane glycoprotein M6-a
UniProt Gene Name	GPM6A
UniProt Synonym Gene Names	M6A; M6a
UniProt Entry Name	GPM6A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.