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Datasheet for ABIN7161373
anti-GPM6A antibody (AA 149-213) (HRP)

Overview

Quantity:	100 µg
Target:	GPM6A
Binding Specificity:	AA 149-213
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPM6A antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Neuronal membrane glycoprotein M6-a protein (149-213AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GPM6A
Alternative Name:	GPM6A (GPM6A Products)
Background:	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

Target Details

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.

Aliases: GPM6A antibody, GPM6A_HUMAN antibody, M6a antibody, Neuronal membrane glycoprotein M6-a antibody, Neuronal membrane glycoprotein M6-a, antibody

UniProt: [P51674](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.