

## Rabbit Anti-GPM6B/PE Conjugated antibody

SL11847R-PE

<b>Product Name</b>	Anti-GPM6B/PE
<b>Chinese Name</b>	PE 标记的神经 The cell membraneglycoproteinM6b
<b>Alias</b>	M6b; Neuronal membrane glycoprotein M6b; rhombex 29; GPM6B_HUMAN.
<b>Research Area</b>	Cell biology Developmental biology Neurobiology Signal transduction
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human,Mouse,Rat(predicted:Pig,Horse) Flow-Cyt=1 $\mu$ g/Test
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	29kDa
<b>Cellular localization</b>	The cell membrane
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human GPM6B
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b> GPM6B belongs to the myelin proteolipid protein family and is implicated in neural development. It is expressed in neurons and glia; cerebellar Bergmann glia, in glia within white matter tracts of the cerebellum and cerebrum, and in embryonic dorsal root ganglia.

**Function:**

May be involved in neural development. Involved in regulation of osteoblast function and bone formation. Involved in matrix vesicle release by osteoblasts; this function seems to involve maintenance of the actin cytoskeleton. May be involved in cellular trafficking of SERT and thereby in regulation of serotonin uptake.

**Subunit:**

Interacts with SERT.

**Subcellular Location:**

Cell membrane; Multi-pass membrane protein (By similarity).

Note=Colocalizes with SERT at the plasma membrane

**Tissue Specificity:**

Neurons and glia; cerebellar Bergmann glia, in glia within white matter tracts of the cerebellum and cerebrum, and in embryonic dorsal root ganglia.

**Similarity:**

Belongs to the myelin proteolipid protein family.

**Database links:**

[Entrez Gene: 2824](#) Human

[Entrez Gene: 14758](#) Mouse

[Entrez Gene: 192179](#) Rat

[Omim: 300051](#) Human

[SwissProt: Q13491](#) Human

[SwissProt: P35803](#) Mouse

[SwissProt: Q9JJK1](#) Rat

[Unigene: 495710](#) Human

[Unigene: 222320](#) Mouse

[Unigene: 153513](#) Rat



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**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.