10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GPM6B Rabbit pAb

Catalog # AP97909

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q13491
Other Accession	Q13491
Reactivity	Rat, Mouse
Predicted	Pig, Human, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28989
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GPM6B
Epitope Specificity	81-180/265
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the myelin proteolipid protein family.
SUBUNIT	Interacts with SERT.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	2824
Other Names	M6B; Gpm6; GPM6B_HUMAN; GPM6B; GPM6B_MOUSE; GPM6B_RAT; Rhombencephalic expression protein-29 kDa (Rhombex-29); rhombex-29; glycoprotein M6B
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GPM6B

Synonyms	M6B
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.
Cellular Location	Cell membrane; Multi-pass membrane protein. Note=Colocalizes with SERT at the plasma membrane.
Tissue Location	Neurons and glia; cerebellar Bergmann glia, in glia within white matter tracts of the cerebellum and cerebrum, and in embryonic dorsal root ganglia

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.