

Rabbit OMG Polyclonal Antibody | anti-OMG antibody

OMG Polyclonal Antibody

CATALOG # AAA169210	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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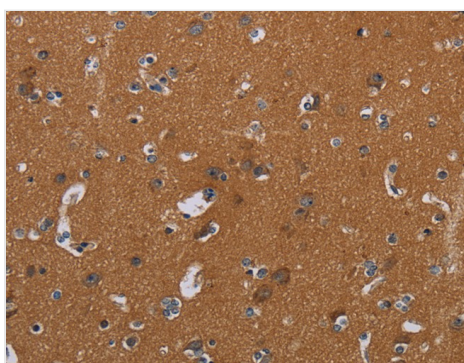
PRODUCT SYNONYMS

OMG; Polyclonal Antibody; OMG Polyclonal Antibody; OMGP; anti-OMG antibody

PRODUCT SPECIFICATIONS

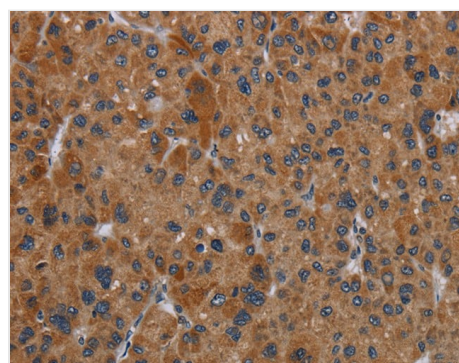
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.1mg/mL (varies by lot)
Sequence Length	440
Applicable Applications for anti-OMG antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human OMG
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using OMG Polyclonal Antibody at dilution 1:30



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using OMG Polyclonal Antibody at dilution 1:30

ADDITIONAL INFORMATION

Related Product Information for anti-OMG antibody	Oligodendrocyte myelin glycoprotein (OMG, OMgp) is a glycosylphosphatidylinositol-anchored protein expressed by neurons and oligodendrocytes that influences the development of the adult central nervous system (CNS). OMG inhibits neurite outgrowth through its interaction with the Nogo receptor. This function requires its leucine-rich repeat domain, a highly-conserved region in OMG that influences cell proliferation, formation and maintenance of myelin sheaths. OMG inhibits neurite outgrowth from rat cerebellar granule and hippocampal cells; from dorsal root ganglion explants in which growth cone collapse was observed; from rat retinal ganglion neurons; and from NG108 and PC-12 cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	52426787
NCBI GeneID	4974
NCBI Accession #	NP_002535.3
NCBI GenBank Nucleotide #	NM_002544.4
Molecular Weight	49,608 Da
NCBI Official Full Name	oligodendrocyte-myelin glycoprotein
NCBI Official Synonym Full Names	oligodendrocyte myelin glycoprotein
NCBI Official Symbol	OMG
NCBI Official Synonym Symbols	OMGP
NCBI Protein Information	oligodendrocyte-myelin glycoprotein
UniProt Protein Name	Oligodendrocyte-myelin glycoprotein
UniProt Gene Name	OMG
UniProt Synonym Gene Names	OMGP
UniProt Entry Name	OMGP_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.