



OMG Polyclonal Antibody

Catalog No	YP-Ab-12784
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	OMG
Protein Name	Oligodendrocyte-myelin glycoprotein
Immunogen	The antiserum was produced against synthesized peptide derived from human OMG. AA range:282-331
Specificity	OMG Polyclonal Antibody detects endogenous levels of OMG protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	OMG; OMGP; Oligodendrocyte-myelin glycoprotein
Observed Band	48kD
Cell Pathway	Cell membrane; Lipid-anchor, GPI-anchor.
Tissue Specificity	Oligodendrocytes and myelin of the central nervous system.
Function	caution:Do not confuse oligodendrocyte-myelin glycoprotein (OMG) with myelin-oligodendrocyte glycoprotein (MOG).,function:Cell adhesion molecule contributing to the interactive process required for myelination in the central nervous system.,PTM:O-glycosylated in its Ser/Thr-rich repeat domain .,similarity:Contains 8 LRR (leucine-rich) repeats.,subunit:Binds to RTN4R.,tissue specificity:Oligodendrocytes and myelin of the central nervous system.,
Background	caution:Do not confuse oligodendrocyte-myelin glycoprotein (OMG) with myelin-oligodendrocyte glycoprotein (MOG).,function:Cell adhesion molecule contributing to the interactive process required for myelination in the central nervous system.,PTM:O-glycosylated in its Ser/Thr-rich repeat domain .,similarity:Contains 8 LRR (leucine-rich) repeats.,subunit:Binds to RTN4R.,tissue specificity:Oligodendrocytes and myelin of the central nervous system.,

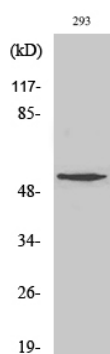
matters needing attention

Avoid repeated freezing and thawing!

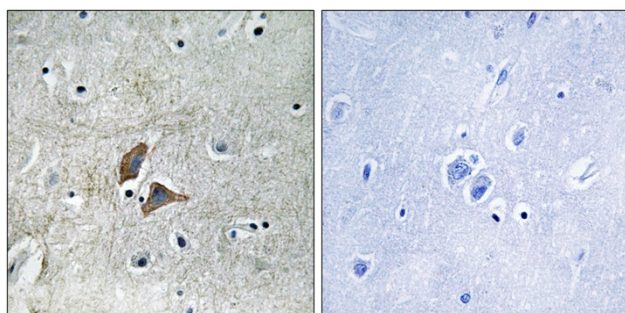
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using OMG Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human brain, using OMG Antibody. The picture on the right is blocked with the synthesized peptide.