



# OMG Polyclonal Antibody

<b>Catalog No</b>	BYab-12784
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	OMG
<b>Protein Name</b>	Oligodendrocyte-myelin glycoprotein
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human OMG. AA range:282-331
<b>Specificity</b>	OMG Polyclonal Antibody detects endogenous levels of OMG protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	OMG; OMGP; Oligodendrocyte-myelin glycoprotein
<b>Observed Band</b>	48kD
<b>Cell Pathway</b>	Cell membrane; Lipid-anchor, GPI-anchor.
<b>Tissue Specificity</b>	Oligodendrocytes and myelin of the central nervous system.
<b>Function</b>	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.,
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Nanjing BYabscience technology Co.,Ltd



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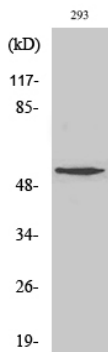
**matters needing attention**

Avoid repeated freezing and thawing!

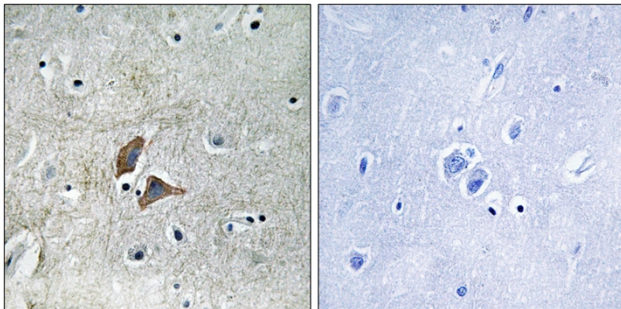
**Usage suggestions**

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.