

Anti-OMGP Antibody

Catalog # AP53358

Product Information

Application	WB, IHC
Primary Accession	P23515
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49608

Additional Information

Gene ID	4974
Other Names	OMGP; Oligodendrocyte-myelin glycoprotein
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human OMGP. The exact sequence is proprietary.
Dilution	WB~~ 1:1000 IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

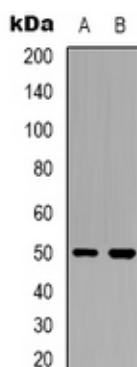
Protein Information

Name	OMG
Synonyms	OMGP
Function	Cell adhesion molecule contributing to the interactive process required for myelination in the central nervous system.
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor.
Tissue Location	Oligodendrocytes and myelin of the central nervous system

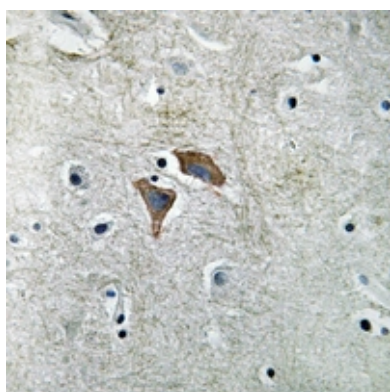
References

Viskochil D.,et al.Mol. Cell. Biol. 11:906-912(1991).
Mikol D.D.,et al.J. Cell Biol. 110:471-479(1990).
Mikol D.D.,et al.J. Cell Biol. 111:2673-2679(1990).

Images



Western blot analysis of OMGP expression in IMR32 (A), HEK293T (B) whole cell lysates. (Predicted band size: 49 kD; Observed band size: 50 kD)



Immunohistochemical analysis of OMGP staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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