Immunotag™ OMG Polyclonal Antibody

Antibody Specification

Catalog No.	ITT3460
Product Description	Immunotag™ OMG Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	OMG
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	OMG
Accession No.	P23515 Q63912
Alternate Names	OMG; OMGP; Oligodendrocyte-myelin glycoprotein

Antibody Specification

Description	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.,
Protein Expression	Brain,Cerebellum,
Subcellular Localization	plasma membrane,anchored component of membrane,
Protein 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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.