

Datasheet for ABIN1535133
anti-OMG antibody (AA 282-331)



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1 Image

Overview

Quantity:	100 µL
Target:	OMG
Binding Specificity:	AA 282-331
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OMG antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human OMG.
Isotype:	IgG
Specificity:	OMG Antibody detects endogenous levels of total OMG protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	OMG
Alternative Name:	OMG (OMG Products)
Background:	Synonyms: Oligodendrocyte-myelin glycoprotein, OMGP

Target Details

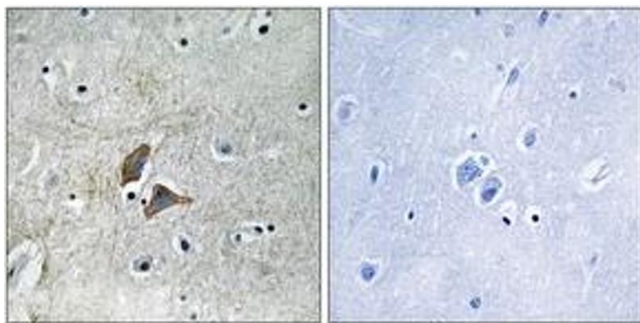
	NCBI Gene Symbol: OMG
Molecular Weight:	49 kDa
Gene ID:	4974
OMIM:	164345
UniProt:	P23515
Pathways:	Neurotrophin Signaling Pathway , Regulation of Cell Size

Application Details

Application Notes:	IHC: 1:50~1:100 ELISA: 1:10000
Comment:	Unigene-Number: Hs.113874 (NCBI Gene Symbol: OMG)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemistry analysis of paraffin-embedded human brain, using OMG Antibody. The picture on the right is treated with the synthesized peptide.