Datasheet for ABIN185565

anti-OMG antibody (Internal Region)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	OMG
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This OMG antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	OMG
Immunogen:	Peptide with sequence C-KVTKIPKQYRTKE, from the internal region of the protein sequence according to NP_002535.3.
Sequence:	KVTKIPKQYR TKE
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	OMG
Alternative Name:	OMG (OMG Products)
Background:	OMG, oligodendrocyte myelin glycoprotein, HGNC:8135, OMGP
Molecular Weight:	49.6kDa
Gene ID:	4974
NCBI Accession:	NP_002535
Pathways:	Neurotrophin Signaling Pathway, Regulation of Cell Size

Application Details

Application Notes:	Western Blot: Approx 150 kDa band observed in Human Brain (Amygdala) lysates (calculated MW of 49.6 kDa according to NP_002535.3). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Western Blotting

Image 1. ABIN185565 (0.1µg/ml) staining of Human Amygdala lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.