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Datasheet for ABIN1538645  
**anti-MOG antibody (AA 82-109)**

1 Image

### Overview

Quantity:	400 µL
Target:	MOG
Binding Specificity:	AA 82-109
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MOG antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This MOG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 82-109 amino acids from the Central region of human MOG.
Clone:	RB21215
Isotype:	Ig Fraction
Predicted Reactivity:	Pr
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	MOG
Alternative Name:	MOG ( <a href="#">MOG Products</a> )

## Target Details

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Background:	The product of this gene is a membrane protein expressed on the oligodendrocyte cell surface and the outermost surface of myelin sheaths. Due to this localization, it is a primary target antigen involved in immune-mediated demyelination. This protein may be involved in completion and maintenance of the myelin sheath and in cell-cell communication. Alternatively spliced transcript variants encoding different isoforms have been identified.
Molecular Weight:	28193
Gene ID:	4340
NCBI Accession:	<a href="#">NP_001008229</a> , <a href="#">NP_001008230</a> , <a href="#">NP_001163889</a> , <a href="#">NP_002424</a> , <a href="#">NP_996532</a> , <a href="#">NP_996533</a> , <a href="#">NP_996534</a> , <a href="#">NP_996535</a> , <a href="#">NP_996537</a>
UniProt:	<a href="#">Q16653</a>

## Application Details

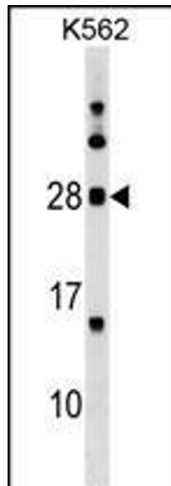
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Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C, -20 °C
Storage Comment:	MOG Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



### Western Blotting

**Image 1.** MOG Antibody (Center) (ABIN1538645 and ABIN2849626) western blot analysis in K562 cell line lysates (35 µg/lane). This demonstrates the MOG antibody detected the MOG protein (arrow).