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Datasheet for ABIN6143943
anti-MOG antibody (AA 30-154)

1 Image

Overview

Quantity:	100 µL
Target:	MOG
Binding Specificity:	AA 30-154
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MOG antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 30-154 of human Myelin oligodendrocyte glycoprotein (NP_996532.2).
Sequence:	GQFRVIGPRH PIRALVGDEV ELPCRISPGK NATGMEVGWY RPPFSRVVHL YRNGKDQDGD QAPEYRGRTE LLKDAIGEGK VTLRIRNVRF SDEGGFTCFF RDHSYQEEAA MELKVEDPFY WVSPG
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	MOG
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Target Details

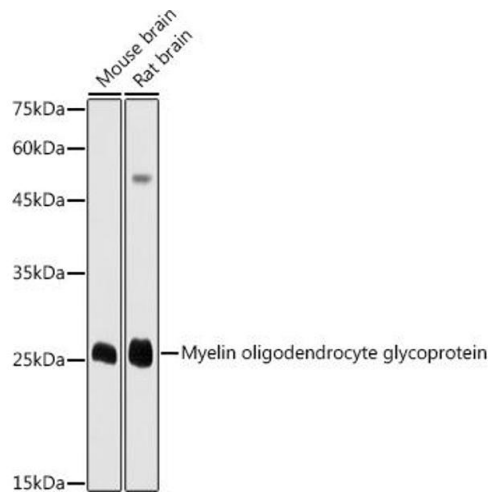
Alternative Name:	MOG (MOG Products)
Background:	The product of this gene is a membrane protein expressed on the oligodendrocyte cell surface and the outermost surface of myelin sheaths. Due to this localization, it is a primary target antigen involved in immune-mediated demyelination. This protein may 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. MOG,BTN6,BTNL11,MOGIG2,NRCLP7,Neuroscience,Cell Type Marker,Oligodendrocyte marker,Neuron marker,Axon marker,MOG
Molecular Weight:	12- 14 kDa/19-33 kDa
Gene ID:	4340
UniProt:	Q16653

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using Myelin oligodendrocyte glycoprotein antibody (ABIN6128312, ABIN6143943, ABIN6143944 and ABIN6220990) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.