

ARG41835 anti-MOG / Myelin oligodendrocyte glycoprotein antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MOG / Myelin oligodendrocyte glycoprotein
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MOG / Myelin oligodendrocyte glycoprotein
Species	Human
Immunogen	Synthetic peptide of Human MOG / Myelin oligodendrocyte glycoprotein.
Conjugation	Un-conjugated
Alternate Names	BTNL11; BTN6; NRCLP7; MOGIG2; Myelin-oligodendrocyte glycoprotein

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:500
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse brain	
Observed Size	~ 28 kDa	

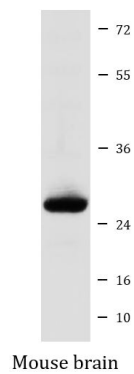
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	MOG
Gene Full Name	myelin oligodendrocyte glycoprotein
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. [provided by RefSeq, Jul 2008]
Function	Mediates homophilic cell-cell adhesion (By similarity). Minor component of the myelin sheath. May be involved in completion and/or maintenance of the myelin sheath and in cell-cell communication. [UniProt]
Calculated Mw	28 kDa
Cellular Localization	Isoform 1 and 5: Cell membrane; Multi-pass membrane protein. Isoform 2, 3, 4, 6, 7, 8, and 9: Cell membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG41835 anti-MOG / Myelin oligodendrocyte glycoprotein antibody WB image

Western blot: Mouse brain lysate stained with ARG41835 anti-MOG / Myelin oligodendrocyte glycoprotein antibody.