

ARG63725 anti-MOG / Myelin oligodendrocyte glycoprotein antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes MOG / Myelin oligodendrocyte glycoprotein
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Pig
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise NP_996532.2 (isf a1), NP_996535.2 (isf a2) and NP_001008229.1 (isf a3)
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MOG / Myelin oligodendrocyte glycoprotein
Species	Human
Immunogen	C-AGQFLEELRNPF
Conjugation	Un-conjugated
Alternate Names	BTNL11; BTN6; NRCLP7; MOGIG2; Myelin-oligodendrocyte glycoprotein

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.03 - 1 µg/ml

Application Note
WB: Recommend incubate at RT for 1h.
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
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 or below. 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

Database links

[GeneID: 4340 Human](#)

[Swiss-port # Q16653 Human](#)

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]

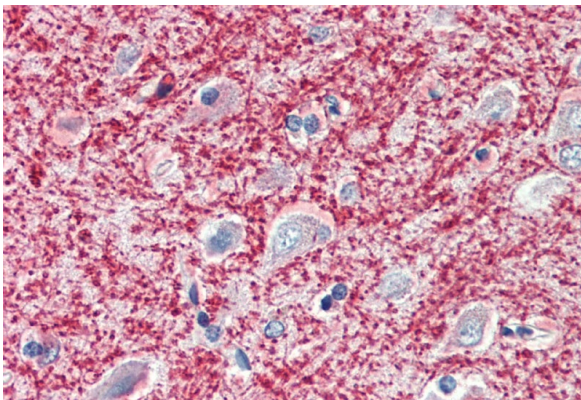
Research Area

Neuroscience antibody; Signaling Transduction antibody

Calculated Mw

28 kDa

Images



ARG63725 anti-MOG / Myelin oligodendrocyte glycoprotein antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63725 anti-MOG / Myelin oligodendrocyte glycoprotein antibody at 5 µg/ml dilution followed by AP-staining.



ARG63725 anti-MOG / Myelin oligodendrocyte glycoprotein antibody WB image

Western blot: 30 µg of Human brain lysate (in RIPA buffer) stained with ARG63725 anti-MOG / Myelin oligodendrocyte glycoprotein antibody at 0.03 µg/ml dilution and incubated at RT for 1 hour.