ARG10825
anti-MAG antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MAG
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Dog, Mk, Rb
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MAG
Species	Human
Immunogen	aa. 114-132 (KYYFRGDLGGYNQYTFSEH) (100% homologous in Human, Mouse and Rat).
Conjugation	Un-conjugated
Alternate Names	GMA; Myelin-associated glycoprotein; SIGLEC4A; S-MAG; Siglec-4a; SIGLEC-4A

Application Instructions

Application table

Application	Dilution
IHC-P	1 - 5 µg/ml
WB	0.5 - 1 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

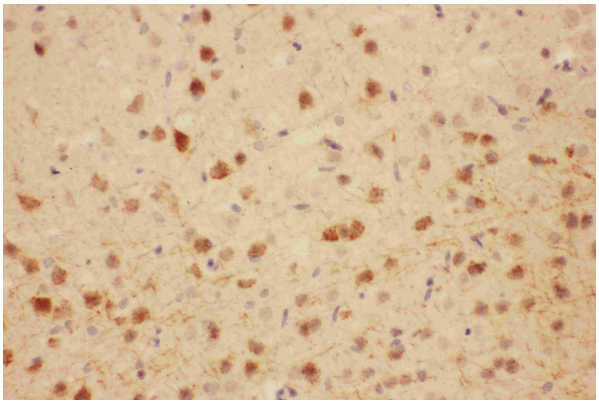
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.025% Sodium azide and 2.5% BSA.
Preservative	0.025% Sodium azide
Stabilizer	2.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, 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

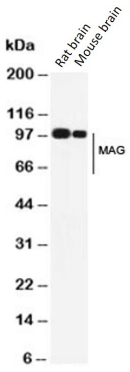
Gene Symbol	MAG
Gene Full Name	myelin associated glycoprotein
Background	The protein encoded by this gene is a type I membrane protein and member of the immunoglobulin superfamily. It is thought to be involved in the process of myelination. It is a lectin that binds to sialylated glycoconjugates and mediates certain myelin-neuron cell-cell interactions. Three alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq, Nov 2010]
Function	Adhesion molecule in postnatal neural development that mediates sialic-acid dependent cell-cell interactions between neuronal and myelinating cells. Preferentially binds to alpha-2,3-linked sialic acid (By similarity). [UniProt]
Calculated Mw	60-100 kDa (glycosylated)
PTM	N-glycosylated. Phosphorylated on tyrosine residues.

Images



ARG10825 anti-MAG antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat brain stained with ARG10825 anti-MAG antibody.



ARG10825 anti-MAG antibody WB image

Western blot: Rat brain and Mouse brain lysates stained with ARG10825 anti-MAG antibody.