Product Name: MAG Rabbit Polyclonal Antibody
Catalog #: APRab13566

Summary

Production Name	MAG Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	MAG
Alternative Names	MAG; GMA; Myelin-associated glycoprotein; Siglec-4a
Gene ID	4099.0
SwissProt ID	P20916.The antiserum was produced against synthesized peptide derived from the C-terminal region of human MAG. AA range:501-550

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:20000.
Molecular Weight	70kD

Background

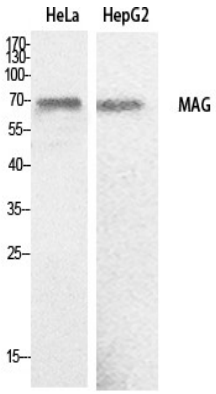
The protein encoded by this gene is a type I membrane protein and member of the immunoglobulin superfamily. It is

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.,online information:Siglec-4,similarity:Belongs to the immunoglobulin superfamily. SIGLEC (sialic acid binding Ig-like lectin) family.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,similarity:Contains 4 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Binds to RTN4R.,

Research Area

Cell adhesion molecules (CAMs);

Image Data



Western Blot analysis of HeLa, HepG2 cells using MAG Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

Note

For research use only.