Product Name: MAG Rabbit Polyclonal Antibody
Catalog #: APRab13566
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:10000-1:20000
Molecular Weight	70kDa

Antigen Information

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

Background

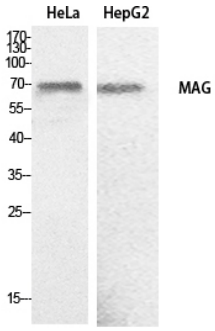
The protein encoded by this gene is a type I membrane protein and member of the immunoglobulin superfamily. It is thought

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