

Rabbit anti-Human Myelin-associated glycoprotein Polyclonal Antibody | anti-MAG antibody

Rabbit anti-human Myelin-associated glycoprotein polyclonal Antibody

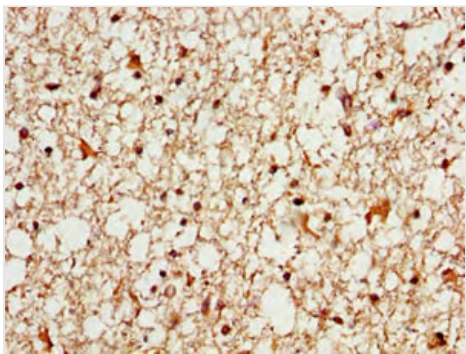
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118036	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

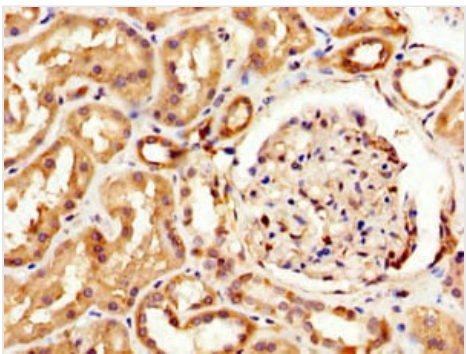
Myelin-associated glycoprotein; Polyclonal Antibody; Rabbit anti-human Myelin-associated glycoprotein polyclonal Antibody; Myelin-associated glycoprotein (Siglec-4a); MAG; GMA; anti-MAG antibody

PRODUCT SPECIFICATIONS

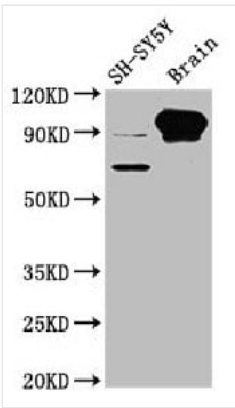
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Sequence Length	601
Applicable Applications for anti-MAG antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Non-conjugated
Species	Human
Research Area	Neuroscience
Immunogen	Recombinant Human Myelin-associated glycoprotein (25-516AA)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-9543 / sc-9542 / sc-9544 / sc-15324
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze



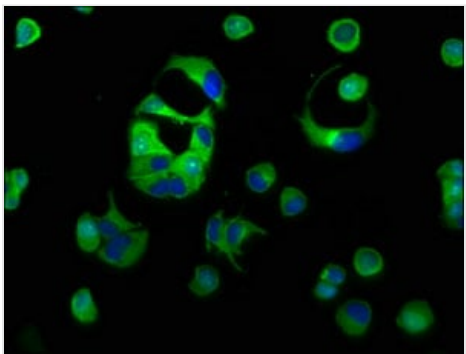
IHC (Immunohistochemistry)
IHC image of AAA118036 diluted at1:600 and staining in paraffin-embedded humanbrain tissue performed on a Leica BondTMSsystem. After dewaxing and hydration, antigenretrieval was mediated by high pressure in acitrate buffer (pH 6.0). Section was blocked with10% normal goat serum 30min at RT. Thenprimary antibody (1% BSA) was incubated at4°C overnight. The primary is detected by abiotynylated secondary antibody and visualizedtissue using an HRP conjugated SP system



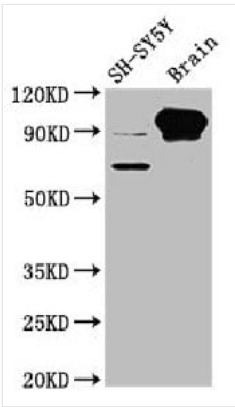
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WB (Western Blot)
Western BlotPositive WB detected in: SH-SY5Y whole celllysate, Rat brain tissueAll lanes:MAG antibody at 5mg/mlSecondary Goat polyclonal torabbit IgG at 1/50000 dilutionPredicted band size: 70, 64, 67 kDaObserved band size: 70, 100 kDa



IF (Immunofluorescence)
Immunofluorescence staining of MCF-7 cells with AAA118036 at 1:416,counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C.The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



WB (Western Blot)
Western BlotPositive WB detected in: Hela whole cell lysate, Jurkat whole cell lysate, MCF-7 whole cell lysate, K562 whole cell lysate, SH-SY5Y whole cell lysateAll lanes: MAG antibody at 4.2ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 70,64,67 KDaObserved band size: 70 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-MAG antibody	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
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NCBI AND UNIPROT INFORMATION

NCBI GI #	312836851
NCBI GeneID	4099
NCBI Accession #	NP_001186145.1
NCBI GenBank Nucleotide #	NM_001199216.1
UniProt Accession #	P20916; Q567S4; B7Z2E5; F5GYC0
NCBI Official Full Name	myelin-associated glycoprotein isoform c
NCBI Official Synonym Full Names	myelin associated glycoprotein
NCBI Official Symbol	MAG
NCBI Official Synonym Symbols	GMA; S-MAG; SIGLEC4A; SIGLEC-4A
NCBI Protein Information	myelin-associated glycoprotein
UniProt Protein Name	Myelin-associated glycoprotein
UniProt Gene Name	MAG
UniProt Synonym Gene Names	GMA
UniProt Entry Name	MAG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/myelin-associated-glycoprotein-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/118036>