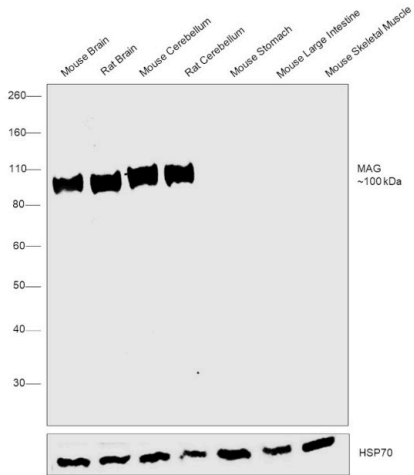


MAG Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Rat, Mouse, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Human S/L-MAG fusion protein with a C-terminal region insert.
Form	Liquid
Concentration	0.25 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage conditions	-20°C
RRID	AB_2533179

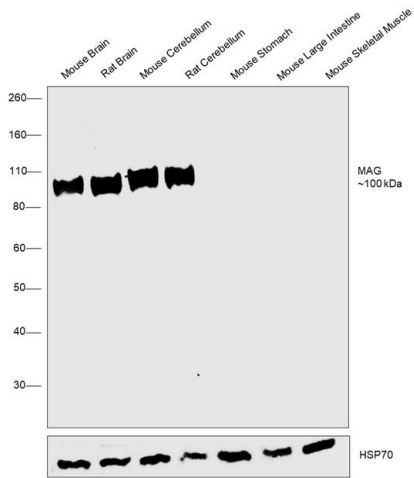
Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	14 Publications
Immunohistochemistry (IHC)	-	5 Publications
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	-
Immunocytochemistry (ICC/IF)	-	3 Publications
Immunoprecipitation (IP)	Assay-dependent	-
Miscellaneous PubMed (Misc)	-	2 Publications

Product Images For MAG Polyclonal Antibody



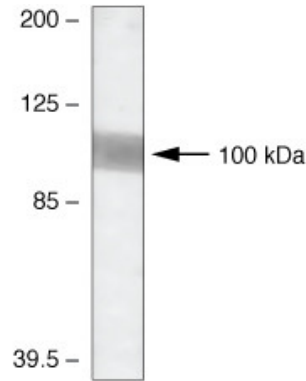
MAG Antibody (34-6200)

Antibody specificity was demonstrated by detection of differential basal expression of the target across tissues tested owing to their inherent genetic constitution. Relative expression of Myelin-associated glycoprotein was observed in brain and cerebellum tissues in comparison to other tissues using Anti-MAG Polyclonal Antibody (Product # 34-6200) in Western Blot. {RE}



MAG Antibody (34-6200) in WB

Western Blot was performed using Anti-MAG Polyclonal Antibody (Product # 34-6200) and a 100 kDa band corresponding to Myelin-associated glycoprotein was observed across brain and cerebellum tissues which are reported to be positive for MAG expression when compared to other tissues such as stomach, large intestine and skeletal muscle. Tissue extracts (30 µg lysate) of Mouse Brain (Lane 1), Rat Brain (Lane 2), Mouse Cerebellum (Lane 3), Rat Cerebellum (Lane 4), Mouse Stomach (Lane 5), Mouse Large Intestine (Lane 6), Mouse Skeletal Muscle (Lane 7) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The Blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:6000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



MAG Antibody (34-6200) in WB

Western blot analysis of rat brain homogenates using Rb anti-S/L-MAG (Product # 34-6200)

Western blot analysis of rat brain homogenates using Rb anti-S/L-MAG (Cat. no. 34-6200).

View more figures on thermofisher.com

Western Blot (14)

Frontiers in neuroscience	Year 2023
Differential impacts of <i>Cntnap2</i> heterozygosity and <i>Cntnap2</i> null homozygosity on axon and myelinated fiber development in mouse.	
"Published figure using MAG polyclonal antibody (Product # 34-6200) in Western Blot"	
Authors: Cifuentes-Diaz C,Canali G,Garcia M,Druart M,Manett T,Savariradjane M,Guillaume C,Le Magueresse C, Goutebroze L	
PLoS genetics	Year 2022
A new mouse model of Charcot-Marie-Tooth 2J neuropathy replicates human axonopathy and suggest alteration in axo-glia communication.	Species Mouse
"34-6200 was used in Immunohistochemistry-immunofluorescence to suggest that Schwann cells in P0T124M mutant mice cannot provide axons with sufficient trophic support, leading to reduced ATP biosynthesis and axonopathy."	Dilution 1:1000
Authors: Shackleford G,Marziali LN,Sasaki Y,Claessens A,Ferri C,Weinstock NI,Rossor AM,Silvestri NJ,Wilson ER, Hurley E,Kidd GJ,Manohar S,Ding D,Salvi RJ,Feltri ML,D'Antonio M,Wrabetz L	

View more WB references on thermofisher.com

Immunohistochemistry (5)

PLoS genetics	Year 2022
A new mouse model of Charcot-Marie-Tooth 2J neuropathy replicates human axonopathy and suggest alteration in axo-glia communication.	Species Mouse
"34-6200 was used in Immunohistochemistry-immunofluorescence to suggest that Schwann cells in P0T124M mutant mice cannot provide axons with sufficient trophic support, leading to reduced ATP biosynthesis and axonopathy."	Dilution 1:1000
Authors: Shackleford G,Marziali LN,Sasaki Y,Claessens A,Ferri C,Weinstock NI,Rossor AM,Silvestri NJ,Wilson ER, Hurley E,Kidd GJ,Manohar S,Ding D,Salvi RJ,Feltri ML,D'Antonio M,Wrabetz L	
Glia	Year 2018
Increased expression of colony-stimulating factor-1 in mouse spinal cord with experimental autoimmune encephalomyelitis correlates with microglial activation and neuronal loss.	Species Mouse
"34-6200 was used in Immunohistochemistry to demonstrate that CSF1 was expressed in astrocytes and neurons in normal mouse spinal cord."	Dilution 1:100
Authors: Gushchina S,Pryce G,Yip PK,Wu D,Pallier P,Giovannoni G,Baker D,Bo X	

View more IHC references on thermofisher.com

More applications with references on thermofisher.com

- ICC/IF (3)
- Misc (2)

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