

Chicken Myelin zero Polyclonal Antibody | anti-Mpz antibody

Myelin protein zero antibody

CATALOG # AAA107688	HOST Chicken	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry
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PRODUCT SYNONYMS

Myelin zero; Polyclonal Antibody; Myelin protein zero antibody; Polyclonal Myelin protein zero; Anti-Myelin protein zero; p0; Myelin protein 0; Myelin p0; anti-Mpz antibody

PRODUCT SPECIFICATIONS

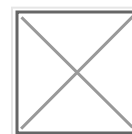
Host	Chicken
Clonality	Polyclonal
Purity/Purification	Myelin protein zero antibody was purified by affinity chromatography.
Form/Format	Supplied in liquid form in 10 mM PBS buffer, pH 7.2, with 0.02% sodium azide added as a preservative.
Concentration	100 ug/ml (varies by lot)
Sequence Length	248
Applicable Applications for anti-Mpz antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Biological Significance	Myelin protein zero is a glycoprotein associated with Charcot-Marie-Tooth disease and Dejerine-Sottas disease. Myelin protein-zero is the major structural protein of peripheral myelin.
Immunogen	Myelin protein zero antibody was raised in Chicken using two synthetic peptide (Human NP_000521 and Mouse NP_032649) / keyhole limpet hemocyanin (KLH) conjugates corresponding to different regions of the protein zero gene product as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles. Protect from light.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical staining using Myelin protein zero antibody. Lower power tissue section through an adult sciatic nerve, Po (brown staining) in all of the myelinating Schwann cells.



IF (Immunofluorescence)

Immunofluorescent staining of Myelin protein zero antibody. A tissue section through an adult sciatic nerve, Po (green staining) in the myelin and Schwann cell processes surrounding the nodes of Ranvier. Rabbit antibodies against LAMP (lysosome-associated membrane glycoprotein) (red staining) serve as counterstain, and DAPI (blue staining) allows visualization of nuclei.

ADDITIONAL INFORMATION

Related Product Information for anti-Mpz antibody	Affinity purified Chicken polyclonal Myelin protein zero antibody
Product Categories/Family for anti-Mpz antibody	Neuroscience; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	162139829
NCBI GeneID	17528
NCBI Accession #	NP_032649
NCBI GenBank Nucleotide #	NM_008623.4
UniProt Accession #	P27573; Q542C9
Molecular Weight	27,622 Da
NCBI Official Full Name	myelin protein P0
NCBI Official Synonym Full Names	myelin protein zero
NCBI Official Symbol	Mpz
NCBI Official Synonym Symbols	P0; Mpp; P-zero
NCBI Protein Information	myelin protein P0
UniProt Protein Name	Myelin protein P0
UniProt Gene Name	Mpz
UniProt Synonym Gene Names	P0; MPP
UniProt Entry Name	MYP0_MOUSE

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-zero-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/107688>