




Rabbit Anti-Myelin Protein Zero antibody

SL0337R

Product Name:	Myelin Protein Zero
Chinese Name:	外周髓磷脂P0蛋白/P0蛋白抗体
Alias:	peripheral myelin prothein Zero; MPZ; MPP; Myelin P0 protein; CHM; CMT1; CMT1B; DSS; MYELIN GLYCOPROTEIN P-ZERO; MYELIN PROTEIN PERIPHERAL; Myelin protein zero; P0; MYP0_HUMAN.
文献引用  :	Specific References(5) SL0337R has been referenced in 5 publications. [IF=3.73] Li, Junhui, et al. "Relationship between neural alteration and perineural invasion in pancreatic cancer patients with hyperglycemia." PLoS One 6.2 (2011): e17385. IHC-P;Human. <div style="background-color: #0056b3; color: white; text-align: center; padding: 2px;">PubMed:21386984</div>
	[IF=9.91] Schulz, Alexander, et al. "Neuronal merlin influences ERBB2 receptor expression on Schwann cells through neuregulin 1 type III signalling." Brain (2013): awt327. IHC-P;Human. <div style="background-color: #0056b3; color: white; text-align: center; padding: 2px;">PubMed:24309211</div>
	[IF=10.76] Schulz, Alexander, et al. "The importance of nerve microenvironment for schwannoma development." Acta Neuropathologica (2016): 1-19. IHC-P;Mouse. <div style="background-color: #0056b3; color: white; text-align: center; padding: 2px;">PubMed:27236462</div>
	[IF=6.00] R?hr, Dominik, et al. "Sodium-dependent Vitamin C transporter 2 deficiency impairs myelination and remyelination after injury: Roles of collagen and demethylation." Glia (2017). WB, IF(ICC);Mouse. <div style="background-color: #0056b3; color: white; text-align: center; padding: 2px;">PubMed:28456003</div>
	[IF=2.27] Chitose, Shun-ichi, et al. "Recurrent laryngeal nerve regeneration using an

	oriented collagen scaffold containing Schwann cells." The Laryngoscope (2016).IHC-P;Dog. PubMed:27861947
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Guinea Pig,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	24kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human P0 protein:175-248/248<Cytoplasmic>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>Myelin protein-zero is the major structural protein of peripheral myelin, accounting for more than 50% of the protein present in the sheath of peripheral nerves. Expression of the gene encoding Myelin protein-zero (MPZ) is restricted to Schwann cells; MPZ is not found in the CNS. An integral membrane glycoprotein of ~28kDa, Myelin protein-zero is thought to link adjacent lamellae and thereby stabilize the myelin assembly. The other 3 major components of myelin are myelin basic protein, myelin proteolipid protein and myelin-associated glycoprotein.</p> <p>Subunit: Homodimer and homotetramer.</p> <p>Subcellular Location: Cell membrane; Single-pass type I membrane protein.</p> <p>Tissue Specificity: Found only in peripheral nervous system Schwann cells.</p> <p>Similarity: Belongs to the myelin P0 protein family. Contains 1 Ig-like V-type (immunoglobulin-like) domain.</p>

SWISS:
P25189

Gene ID:
4359

Database links:

[Entrez Gene: 4359](#)Human

[Entrez Gene: 17528](#)Mouse

[Oimim: 159440](#)Human

[SwissProt: P25189](#)Human

[SwissProt: P27573](#)Mouse

[Unigene: 591486](#)Human

[Unigene: 93883](#)Human

[Unigene: 9986](#)Mouse

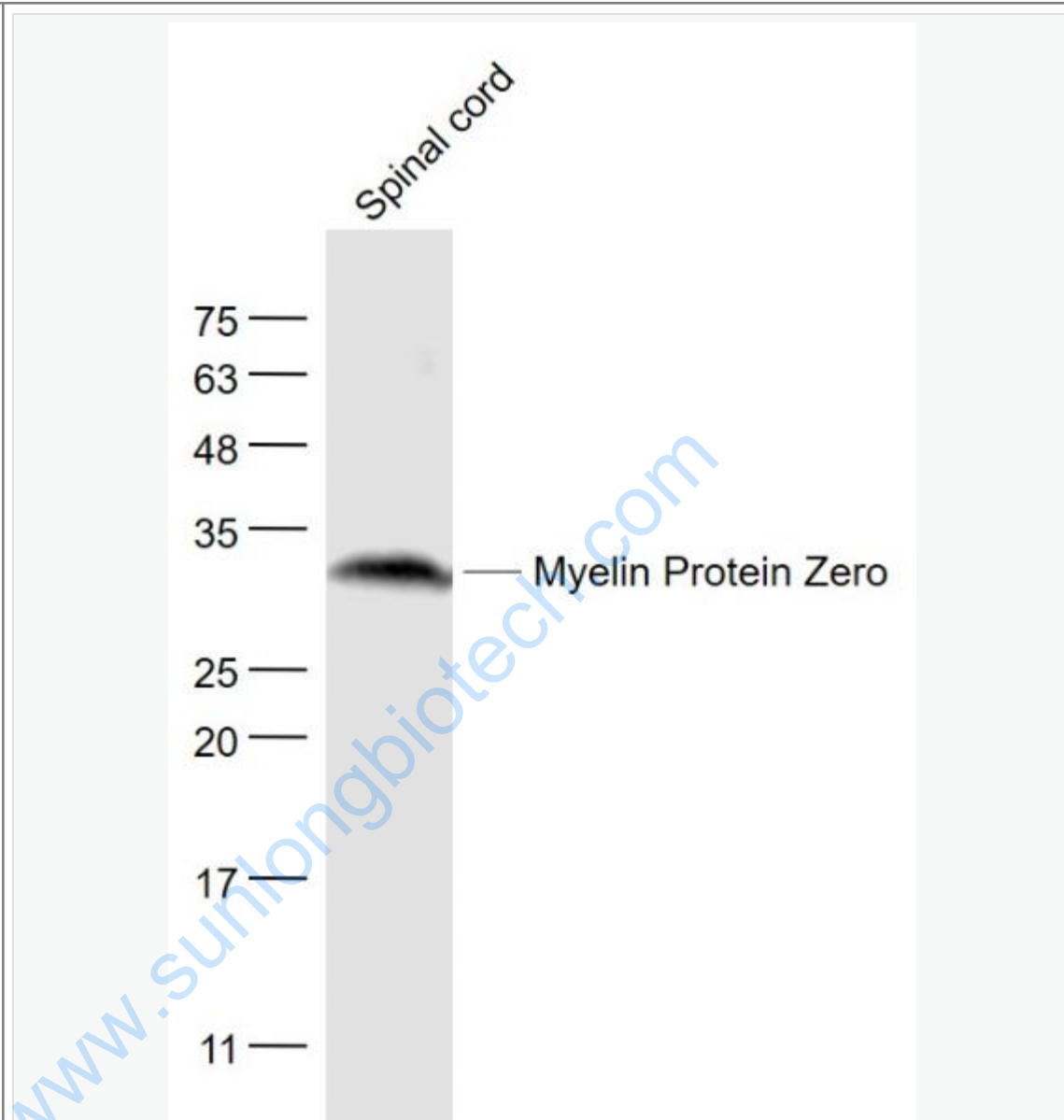
UniProtKB/Swiss-Prot: P25189.1

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

成熟的周围神经系统髓鞘主要的蛋白为P0蛋白, 分子量28KDa, 它具有单个跨膜区, 是IgG超家族的成员之一。

Picture:



Sample:

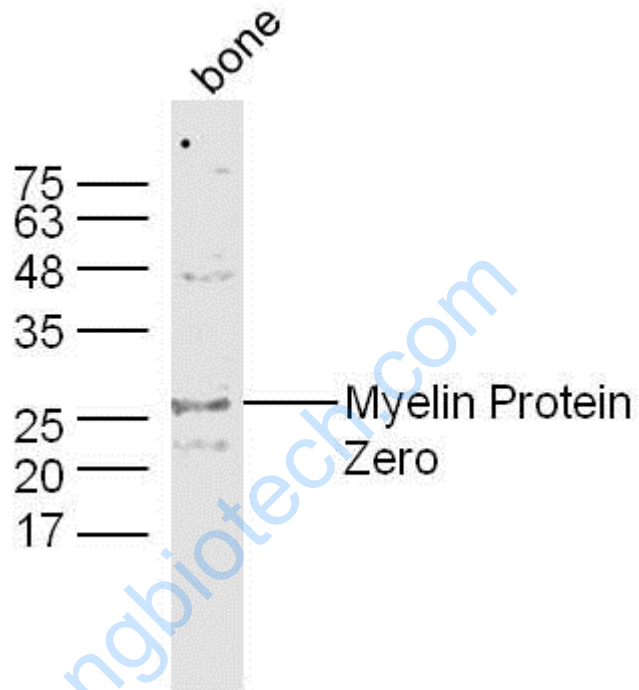
Spinal cord (Rat) Lysate at 40 ug

Primary: Anti- Myelin Protein Zero (SL0337R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 24 kD

Observed band size: 29 kD



Sample:

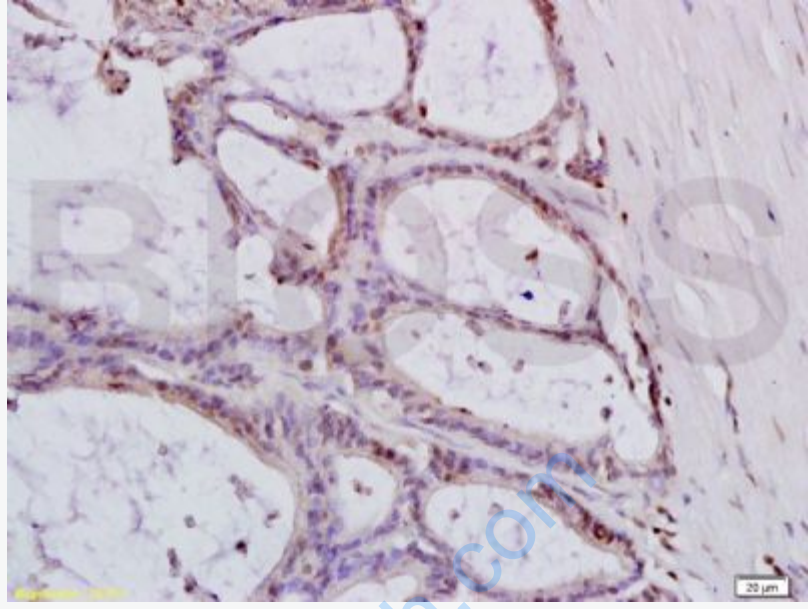
Bone (Mouse) Lysate at 40 ug

Primary: Anti-Myelin Protein Zero (Bs- 0337R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 24 kD

Observed band size: 26 kD



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