

## Anti-Myelin Protein Zero Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat(predicted:Human,Rabbit)
Molecular Weight:	Theoretical: 24 kDa. Actual: 28 kDa.
Purification:	Protein A purified

## Applications

Sample:	Lane 1: Spinal cord (Mouse) Lysate at 40 µg Lane 2: Spinal cord (Rat) Lysate at 40 µg Lane 3: Adipose (Mouse) Lysate at 40 µg Lane 4: Adipose (Rat) Lysate at 40 µg
Verified Activity:	Primary: Anti-Myelin Protein Zero (TMAB-09143) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 28 kD Observed band size: 28 kD
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human P0 protein
Antigen Species:	Human
Gene ID:	4359
Uniprot ID:	P25189

## Research Background

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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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