

Anti-MPZ antibody (30-248) (STJ24606)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

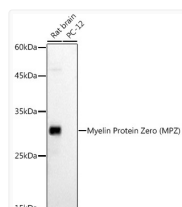
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 28kDa Observed Mw: 28kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

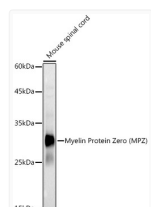
Gene ID	4359
Gene Symbol	MPZ
UniProt ID	MYP0_HUMAN
Immunogen Region	30-248
Immunogen Sequence	IVVYTDREVHGAVGSRVTLH CSFWSSEWVSDDISFTWRYQ PEGGRDAISIFHYAKGQPYI DEVGTFKERIQWVGDPKWD GSVIHNLDSYDNGTFTCDV KNPPDIVGKTSQVTLYVFEK VPTR
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 30-153 of human Myelin Protein Zero (MPZ) (NP_000521.2).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of various cell lines, using Myelin Protein Zero (MPZ) antibody (STJ24606) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Western blot analysis of extracts of Mouse spinal cord, using Myelin Protein Zero (MPZ) antibody (STJ24606) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.