



Anti-MPZ (full length) polyclonal antibody (DPAB-DC1943)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a major structural protein of peripheral myelin. Mutations in this gene result in the autosomal dominant form of Charcot-Marie-Tooth disease type 1 and other polyneuropathies.
Immunogen	MPZ (AAH06491.1, 1 a.a. ~ 258 a.a) full-length recombinant protein with GST tag. The sequence is MLRAPAPAPAMAPGAPSSSPILAVLLFSSLVLSPAQAIVVYTDREAHGAVGSRVTLHC SFWSSEWVSDDISFTWRYQPEGGRDAISIFHYAKGQPYIDEVGTFKERIQWVGDPRWKDG SIVIHNLDYSDNGTFTCDVKNPPDIVGKTSQVTLYVFEKVPTRYGVVLGAVIGGVLGVVL LLLLLFYVVRWCWLRRQAALQRRLSAMEKGKLGKPKGDASKRGRQTPVLYAMLDHSRSTK AVSEKKAKGLGESRKDKK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MPZ myelin protein zero [Homo sapiens (human)]
Official Symbol	MPZ
Synonyms	MPZ; myelin protein zero; P0; CHM; DSS; MPP; CMT1; CMT1B; CMT2I; CMT2J; CMT4E; CMTDI3; CMTDID; HMSNIB; myelin protein P0; myelin peripheral protein; Charcot-Marie-Tooth neuropathy 1B;
Entrez Gene ID	4359
Protein Refseq	NP_000521
UniProt ID	P25189
Chromosome Location	1q23.3
Pathway	Cell adhesion molecules (CAMs); Neural Crest Differentiation;
Function	structural molecule activity;