

Datasheet for ABIN453751
anti-MPZ antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	0.4 mL
Target:	MPZ
Binding Specificity:	AA 193-223, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 193~223 amino acids selected from the C- terminal region of Human MPZ
Specificity:	This antibody recognizes MPZ.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	MPZ
Alternative Name:	MPZ (MPZ Products)
Background:	MPZ is a major structural protein of peripheral myelin. Creation of an extracellular membrane face which guides the wrapping process and ultimately compacts adjacent lamellae. Synonyms: MPP, Myelin P0 protein, Myelin peripheral protein, Myelin protein zero

Target Details

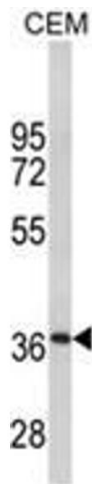
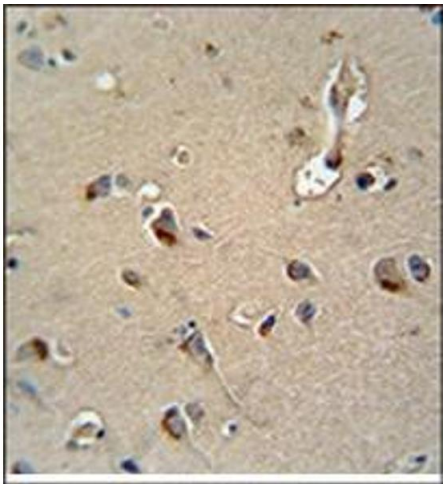
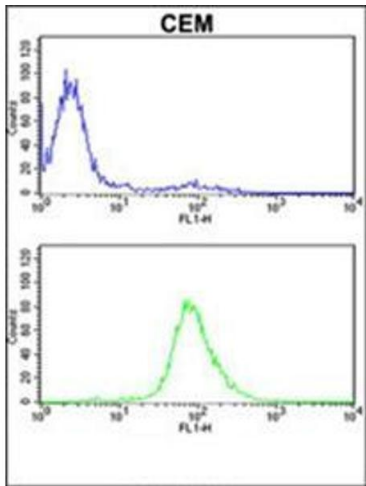
Gene ID:	4359
NCBI Accession:	NP_000521
UniProt:	P25189

Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. MPZ Antibody (C-term) flow cytometric analysis of CEM cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. MPZ Antibody (C-term) Immunohistochemistry analysis in formalin fixed and Paraffin Embedded Human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the MPZ Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 3. Western blot analysis of MPZ Antibody (C-term) in CEM cell line lysates (35ug/lane). MPZ (arrow) was detected using the purified Pab.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN453751.