



# Anti-PLP1 (aa 1-100) polyclonal antibody (DPABH-29162)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This is the major myelin protein from the central nervous system. It plays an important role in the formation or maintenance of the multilamellar structure of myelin.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 1 - 100 of Rat Myelin PLP.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Rat, Goat, Cat, Human, Xenopus laevis, Marmoset
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC-P, IHC-Fr
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.40; Constituent: PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

## GENE INFORMATION

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<b>Gene Name</b>	<a href="#">PLP1 proteolipid protein 2 [ <i>Rattus norvegicus</i> ]</a>
<b>Official Symbol</b>	PLP1
<b>Synonyms</b>	PLP1; proteolipid protein 1; Plp; myelin proteolipid protein; lipophilin; proteolipid protein (myelin) 1; Proteolipid protein (Pelizaeus-Merzbacher disease spastic paraplegia 2 uncomplicated); Proteolipid protein (Pelizaeus-Merzbacher disease, spastic paraplegia 2, uncomplicated);
<b>Entrez Gene ID</b>	<a href="#">24943</a>
<b>Protein Refseq</b>	<a href="#">NP_112252.1</a>
<b>UniProt ID</b>	<a href="#">P60203</a>
<b>Function</b>	structural constituent of myelin sheath; structural molecule activity;

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