

DNAxPAb

Hard-to-Find
Antibody

PLP1 DNAxPab

Catalog # H00005354-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PLP1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MGLLECCARCLVGAPFASLVATGLCFFGVALFCGCGHEALTGTEKLIETYFSKNYQDYEYLINVIHAFQYVIYGTAFFFLYGALLLAEGFYTTGAVRQIFGDYKTTICGKGLSATVTGGQKGRGSRGQHQHS LERVCHCLGKWLGHDPDKFVGITYALTVVWLLVFACSAVPVYYFNTWTTTCQSIAPSKTSASIGSLCADARMYGVLPWNAFPKGKVCNLLSICKTAEFQMTFHLFIAAFVGAAATLVSLLTFMIAATYNFAVLKLMGRGTKF
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PLP1

Entrez GeneID	5354
GeneBank Accession#	NM_000533.3
Protein Accession#	NP_000524.3
Gene Name	PLP1
Gene Alias	HLD1, MMPL, PLP, PLP/DM20, PMD, SPG2
Gene Description	proteolipid protein 1
Omim ID	300401 312080 312920
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a transmembrane proteolipid protein that is the predominant myelin protein present in the central nervous system. It may play a role in the compaction, stabilization, and maintenance of myelin sheaths, as well as in oligodendrocyte development and axonal survival. Mutations in this gene cause X-linked Pelizaeus-Merzbacher disease and spastic paraplegia type 2. Alternatively spliced transcript variants encoding distinct isoforms or having different 5' UTRs, have been identified for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000023761 OTTHUMP00000023762 lipophilin major myelin proteolipid protein

Disease

- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hereditary Central Nervous System Demyelinating Diseases](#)
- [Multiple Sclerosis](#)
- [Spastic Paraplegia](#)