

PLP1 Polyclonal Antibody

Catalog No: #28468



Package Size: #28468-1 50ul #28468-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

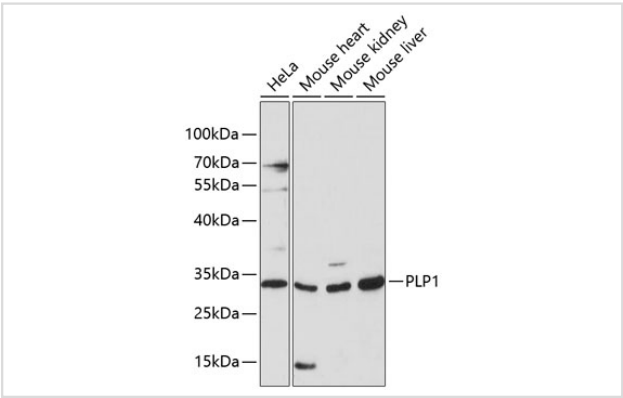
Description

Product Name	PLP1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse
Immunogen Description	Recombinant fusion protein of human PLP1 (NP_955772.1).
Other Names	PLP1; GPM6C; HLD1; MMPL; PLP; PLP/DM20; PMD; SPG2; proteolipid protein 1
Accession No.	Swiss-Prot#:P60201NCBI Gene ID:5354
Uniprot	P60201
GeneID	5354;
Calculated MW	34kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using PLP1 at 1:3000 dilution.

Background

This gene encodes a transmembrane proteolipid protein that is the predominant component of myelin. The encoded protein 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 Pelizaeus-Merzbacher disease and spastic paraplegia type 2. Alternatively splicing results in multiple transcript variants, including the DM20 splice variant.

Note: This product is for in vitro research use only