

PLP1 Rabbit Polyclonal Antibody

Catalog No: #54631



Package Size: #54631-1 50ul #54631-2 100ul

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

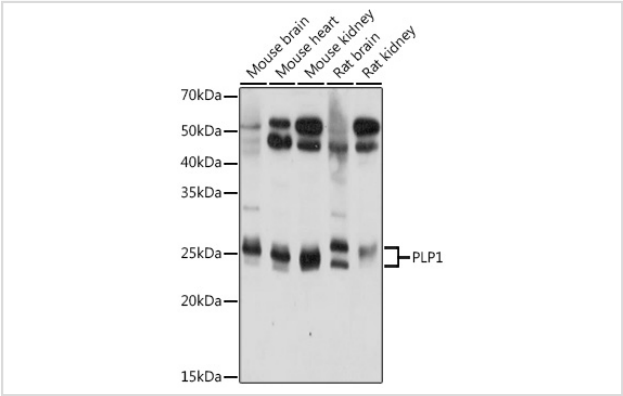
Description

Product Name	PLP1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Mouse,Rat
Immunogen Description	Recombinant fusion protein of human PLP1 (NP_955772.1).
Other Names	PLP1;GPM6C;HLD1;MMPL;PLP;PLP/DM20;PMD;SPG2
Accession No.	Swiss Prot:P60201Gene ID:5354
Uniprot	P60201
GeneID	5354
Calculated MW	26kDa/30kDa
SDS-PAGE MW	20-25kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

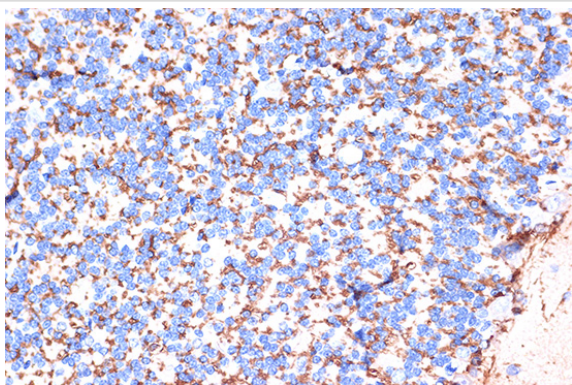
Application Details

WB 1:500 - 1:2000IHC 1:50 - 1:200IF 1:50 - 1:200

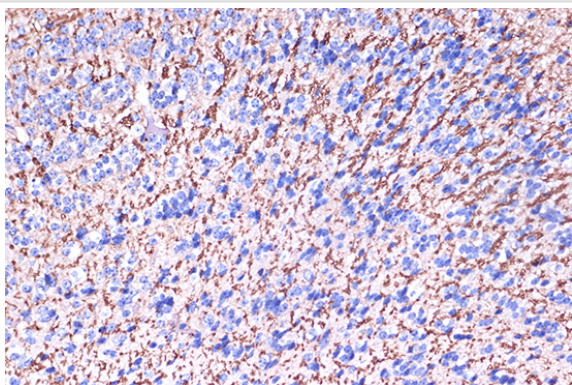
Images



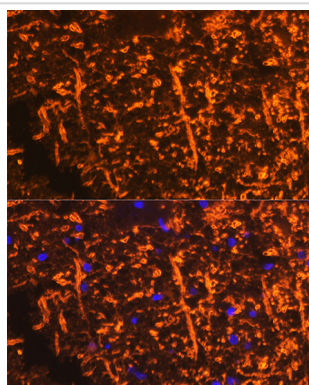
Western blot analysis of extracts of various cell lines, using PLP1 antibody.



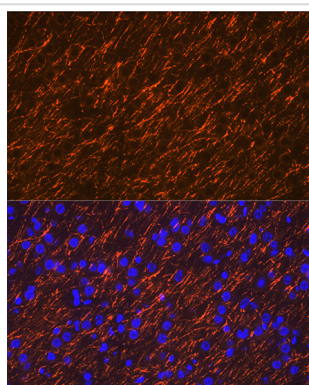
Immunohistochemistry of paraffin-embedded rat brain using PLP1 Rabbit pAb.



Immunohistochemistry of paraffin-embedded mouse brain using PLP1 Rabbit pAb.



Immunofluorescence analysis of rat brain using PLP1 Rabbit pAb.



Immunofluorescence analysis of mouse brain using PLP1 Rabbit pAb.

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