

PLP1 Conjugated Antibody

Catalog No: #C54631

Package Size: #C54631-AF350 100ul #C54631-AF405 100ul #C54631-AF488 100ul #C54631-AF555 100ul #C54631-AF594 100ul #C54631-AF647 100ul #C54631-AF680 100ul #C54631-AF750 100ul #C54631-Biotin 100ul #C54631-Conjugated 50ul

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Description

Product Name	PLP1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	IF
Species Reactivity	Mouse,Rat
Immunogen Description	Recombinant fusion protein of human PLP1 (NP_955772.1).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PLP1;GPM6C;HLD1;MMPL;PLP;PLP/DM20;PMD;SPG2
Accession No.	Swiss Prot:P60201Gene ID: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 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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 and is not intended for use in humans or animals.