

PLP1 Antibody

CAB20009

Description

This PLP1 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB20009

Contents: 20 μ L, 100 μ L
Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: PLP, PMD, HLD1, MMPL, SPG2, GPM6C, PLP/DM20, PLP1

Clone: -

Applications: **WB** | **IHC-P** | **ELISA** | **IF-P**

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 5354

Uniprot: AB_2862916

Host Species: Rabbit

Purification: Affinity purification

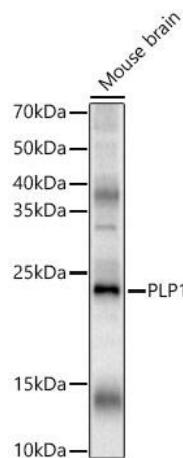
Observed MW: 20-25kDa

Calculated MW: 30kDa

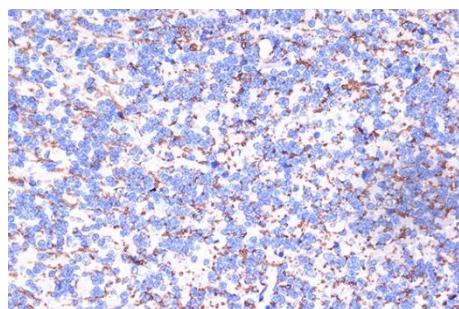
Preparation & Storage

Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.								
	Store Bradford Reagent at Room Temperature for 1 Year.								
Positive Sample:	Mouse brain								
Recommended Dilutions:	<table border="1"> <tr> <td>WB</td><td>1:1000 - 1:5000</td></tr> <tr> <td>IF-P</td><td>1:50 - 1:200</td></tr> <tr> <td>IHC-P</td><td>1:50 - 1:200</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	WB	1:1000 - 1:5000	IF-P	1:50 - 1:200	IHC-P	1:50 - 1:200	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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IF-P	1:50 - 1:200								
IHC-P	1:50 - 1:200								
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.								
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol								

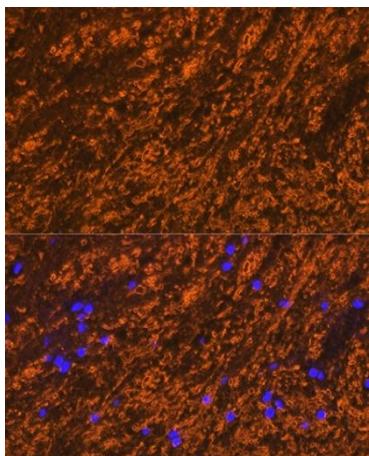
Validation Data



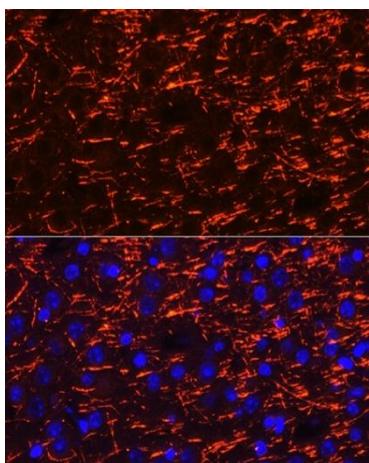
Western blot analysis of various lysates, using Rabbit pAb (CAB20009) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Rat brain using Rabbit pAb (CAB20009) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of paraffin-embedded rat brain using Rabbit pAb (CAB20009) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded mouse brain using Rabbit pAb (CAB20009) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.