

Anti-Proteolipid Protein (PLP) Antibody



Product Details

Available Variants	1000 µL (SKU:PLP)
Isotype	IgY
Gene Name	PLP1 PLP
Host Species	Chicken
Concentration	100 µg/mL
Format	Affinity-Purified IgY
Physical State	Liquid
Buffer	Phosphate-buffered (10 mM) isotonic (0.9%, w/v) saline ("PBS," pH 7.2) with sodium azide (0.02%, w/v) added as a preservative.
Production Notes	Chickens were immunized with a synthetic peptide / keyhole limpet hemocyanin (KLH) conjugate. The sequence of the synthetic peptide was shared between the human and mouse gene products. After repeated injections into the hens, immune eggs were collected, and the IgY fractions were purified from the yolks. These IgY fractions were then affinity-purified using a peptide column, the concentration of the eluate adjusted to 100 µg/mL, and the preparation was filter sterilized.
Applications	ICC, IHC, WB
Dilution Ranges	WB: 1:2000-1:5000 IHC: 1:2000-1:5000 ICC: 1:2000-1:5000
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide
Molecular Weight	30 kDa
Quality Control	Each of the three antibodies were analyzed by immunohistochemistry (at a dilution of 1:2000) using fluorescein-labeled goat anti-chicken IgY (1:500

dilution, Aves Labs Cat.# F-1005) as the secondary reagent.

Storage

Store at 4°C in the dark. Under these conditions, the antibodies should have a shelf life of at least 12 months (provided they remain sterile). Do not freeze these antibodies unless you want to store them for longer periods of time. Note, however, that each time an antibody preparation is frozen, about half of its binding activity is lost.

Antibody Registry ID

AB_2313560

UniProt ID

P60201

Country of Origin

United States

Shipping

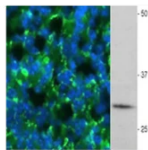
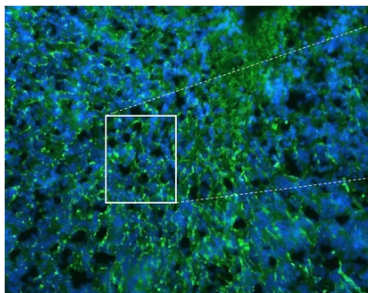
Ice packs

Expiration

12 months from receipt of product

Usage Statement

These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images

Immunohistochemistry photomicrograph of PLP immunoreactivity (green; 1:1000 dilution) in a cryostat section of an embryonic (e18) mouse brain. Blue is DAPI nuclear counterstain. Western blot shows a single band in adult mouse brain lysate, 27 ug loaded, 10% gel. Hoda Ilias, Aves Labs.

Product Page URL: www.antibodiesinc.com/products/anti-proteolipid-protein-antibody-plp



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