

PLP2 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21491b

Specification

PLP2 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q04941
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	16691

PLP2 Antibody (C-term) - Additional Information

Gene ID 5355

Other Names

Proteolipid protein 2, Differentiation-dependent protein A4, Intestinal membrane A4 protein, PLP2, A4

Target/Specificity

This PLP2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 133-166 amino acids from the C-terminal region of human PLP2.

Dilution

WB~~1:2000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PLP2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PLP2 Antibody (C-term) - Protein Information

Name PLP2

Synonyms A4

Function May play a role in cell differentiation in the intestinal epithelium.

Cellular Location

Membrane; Multi-pass membrane protein.

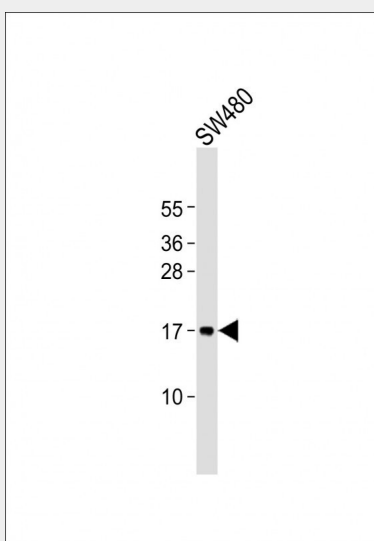
Tissue Location

Enriched in colonic mucosa. The expression of A4 follows a gradient along the crypto-villus axis with the most abundant message occurring in the lower half of the crypt

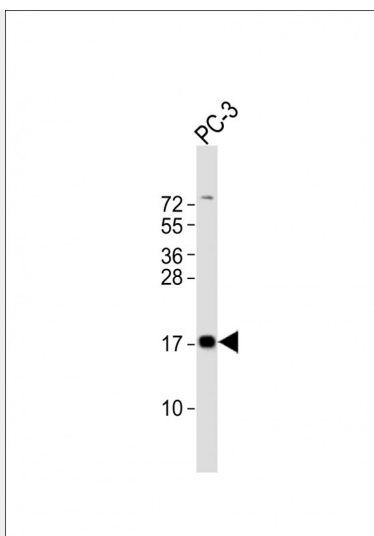
PLP2 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PLP2 Antibody (C-term) - Images

Anti-PLP2 Antibody (C-term) at 1:2000 dilution + SW480 whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 17 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-PLP2 Antibody (C-term) at 1:2000 dilution + PC-3 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 17 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

PLP2 Antibody (C-term) - Background

May play a role in cell differentiation in the intestinal epithelium.

PLP2 Antibody (C-term) - References

Oliva M.M., et al. Arch. Biochem. Biophys. 302:183-192(1993).
Fisher S.E., et al. Genomics 45:340-347(1997).
Kimura K., et al. Genome Res. 16:55-65(2006).
Ross M.T., et al. Nature 434:325-337(2005).
Burkard T.R., et al. BMC Syst. Biol. 5:17-17(2011).