

PLP2 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21491b

Product Information

Application	WB, E
Primary Accession	Q04941
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB49526
Calculated MW	16691

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 E~~Use at an assay dependent concentration.
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.

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

Background

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

References

Oliva M.M.,et al.Arch. Biochem. Biophys. 302:183-192(1993).

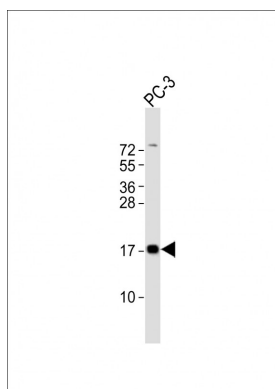
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Kimura K.,et al.Genome Res. 16:55-65(2006).

Ross M.T.,et al.Nature 434:325-337(2005).

Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

Images



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.