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PLP2 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21491b

Product Information

Application	WB, E
Primary Accession	Q04941
Reactivity	Human
Predicted	Bovine, Canine, Rabbit
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

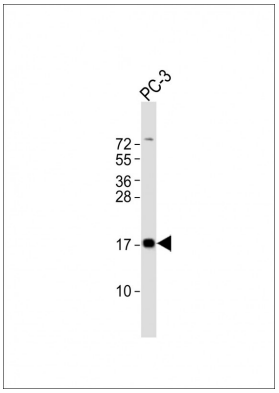
Background

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

References

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

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'.