



Rabbit Anti-Human PLP2 Polyclonal Antibody (CABT-L2092)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | Polyclonal Antibody to Proteolipid Protein 2, Colonic Epithelium Enriched (Knockout Validated) |
| Specificity | The antibody is a rabbit polyclonal antibody raised against PLP2. It has been selected for its ability to recognize PLP2 in immunohistochemical staining and western blotting. |
| Target | PLP2 |
| Immunogen | Native Human PL2 |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Purification | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |
| Conjugate | Unconjugated |
| Applications | WB |
| Format | Liquid |
| Concentration | Lot specific |
| Size | 200 µg |
| Buffer | Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4. |
| Preservative | 0.05% Proclin-300 |

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| Storage | Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months. |
| Ship | 4°C with ice bags |

BACKGROUND

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| Introduction | This gene encodes an integral membrane protein that localizes to the endoplasmic reticulum in colonic epithelial cells. The encoded protein can multimerize and may function as an ion channel. A polymorphism in the promoter of this gene may be linked to an increased risk of X-linked mental retardation. A pseudogene of this gene is found on chromosome 5. [provided by RefSeq, Jan 2010] |
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| Keywords | A4;A4-LSB;A4 Differentiation-Dependent Protein;Intestinal membrane A4 protein |
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GENE INFORMATION

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| Gene Name | PLP2 proteolipid protein 2 (colonic epithelium-enriched) [Homo sapiens (human)] |
| Official Symbol | PLP2 |
| Synonyms | PLP2; proteolipid protein 2 (colonic epithelium-enriched); A4; A4LSB; proteolipid protein 2; intestinal membrane A4 protein; A4 differentiation-dependent protein; differentiation-dependent protein A4; |
| Entrez Gene ID | 5355 |
| Protein Refseq | NP_002659 |
| UniProt ID | A0A024QYW3 |
| Chromosome Location | Xp11.23 |
| Function | chemokine binding; ion transmembrane transporter activity; protein binding; |