



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

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal Antibody to Proteolipid Protein 2, Colonic Epithelium Enriched (Knockout Validated)
<b>Specificity</b>	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.
<b>Target</b>	PLP2
<b>Immunogen</b>	Native Human PL2
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µg
<b>Buffer</b>	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
<b>Preservative</b>	0.05% Proclin-300

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

## BACKGROUND

**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]

**Keywords** A4;A4-LSB;A4 Differentiation-Dependent Protein;Intestinal membrane A4 protein

## GENE INFORMATION

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