

Rabbit anti-Human Proteolipid Protein 2 (PLP2) Polyclonal Antibody | anti-PLP2 antibody

Polyclonal Antibody to Proteolipid Protein 2, Colonic Epithelium Enriched (PLP2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA147898	Rabbit	Human	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Proteolipid Protein 2 (PLP2); Polyclonal Antibody; Polyclonal Antibody to Proteolipid Protein 2; Colonic Epithelium Enriched (PLP2); A4; A4-LSB; A4 Differentiation-Dependent Protein; Intestinal membrane A4 protein; anti-PLP2 antibody

PRODUCT SPECIFICATIONS

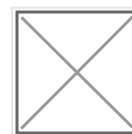
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PLP2. It has been selected for its ability to recognize PLP2 in immunohistochemical staining and western blotting.
Purity/Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence Length	152
Applicable Applications for anti-PLP2 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type HeLa cell lysate; Lane 2: PLP2 knockout HeLa cell lysate; Predicted MW: 16kd Observed MW: 19kd Primary Ab: 1ug/ml Rabbit Anti-Human PLP2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)

Knockout Verification: Lane 1: Wild-type HeLa cell lysate; Lane 2: PLP2 knockout HeLa cell lysate; Predicted MW: 16kd Observed MW: 19kd Primary Ab: 1ug/ml Rabbit Anti-Human PLP2 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-PLP2 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505893
NCBI GeneID	5355
NCBI Accession #	NP_002659.1
NCBI GenBank Nucleotide #	NM_002668.2
UniProt Accession #	Q04941; Q32MM8; A6NDT7
Molecular Weight	15,946 Da
NCBI Official Full Name	proteolipid protein 2
NCBI Official Synonym Full Names	proteolipid protein 2
NCBI Official Symbol	PLP2
NCBI Official Synonym Symbols	A4; A4LSB
NCBI Protein Information	proteolipid protein 2
UniProt Protein Name	Proteolipid protein 2
UniProt Gene Name	PLP2
UniProt Synonym Gene Names	A4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/proteolipid-protein-2-plp2-antibody-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/147898>