Datasheet for ABIN2773860

anti-PLP2 antibody (Middle Region)

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	PLP2
Binding Specificity:	Middle Region
Reactivity:	Human, Dog, Mouse, Rat, Cow, Pig, Sheep, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLP2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PLP2
Sequence:	LVERGNHSKI VAGVLGLIAT CLFGYDAYVT FPVRQPRHTA APTDPADGPV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 92%, Pig: 100%, Rabbit: 93%, Rat: 93%, Sheep: 100%
Characteristics:	This is a rabbit polyclonal antibody against PLP2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	PLP2

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Target Details

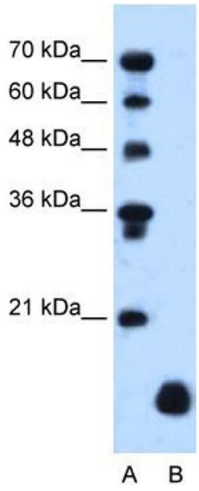
Alternative Name:	PLP2 (PLP2 Products)
Background:	PLP2 may play a role in cell differentiation in the intestinal epithelium. Alias Symbols: A4, A4-LSB, MGC126187, A4LSB Protein Interaction Partner: CCDC155, TMEM79, HCVgp1, CLN8, VKORC1, STT3B, NUDCD2, SFXN3, MRPL57, MRPL9, MRPL41, PTCD3, MRPL30, SYNCRIP, CD2BP2, LAGE3, SLC12A4, S100A11, ILF3, HNRNPF, DHODH, SHBG, UBC, DLGAP4, IKBKAP, CCR1, BCAP31, PLP2, Protein Size: 152
Molecular Weight:	17 kDa
Gene ID:	5355
NCBI Accession:	NM_002668, NP_002659
UniProt:	Q04941

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 152 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-PLP2 Antibody Titration: 1.25ug/ml Positive Control: HepG2 cell lysate

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