antibodies - online.com







anti-PLP1 antibody (C-Term)





Overview

Quantity:	0.05 mg
Target:	PLP1
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Mammalian
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffinembedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide GRGTKF corresponding to C terminal region of myelin proteolipid protein.
Clone:	Plpc1
Isotype:	lgG2a
Specificity:	Recognizes myelin proteolipid protein (PLP) in many mammalian species. This Recognizes DM20. PLP encodes the major protein components of compact CNS myelin and mutations in the PLP gene can lead to severe dysmyelinating disease.
Purification:	Protein A purified

Target Details

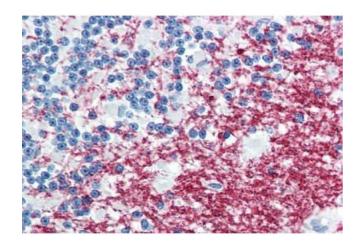
	PLP1	Target:
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Target Details

Storage Comment:

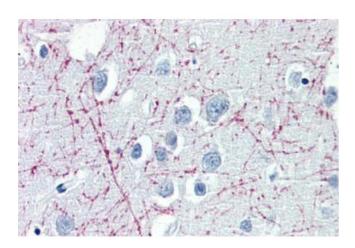
Larget Details		
Alternative Name:	PLP1 / Myelin PLP (PLP1 Products)	
Background:	Name/Gene ID: PLP1	
	Synonyms: PLP1, HLD1, PMD, Myelin proteolipid protein, Proteolipid protein 1, SPG2, Lipophilin, MMPL, PLP, PLP/DM20	
Gene ID:	5354	
Application Details		
Application Notes:	Approved: IHC, IHC-Fr, IHC-P (10 μg/mL), WB	
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in $$ pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 10 μ g/mL.	
Comment:	Target Species of Antibody: Bovine	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	PBS, 0.09 % sodium azide from tissue culture supernatant	
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 freezing and thawing. Store undiluted.	
Storage:	4 °C,-20 °C	

 4°C or -20°C, Avoid freeze-thaw cycles. Store undiluted.



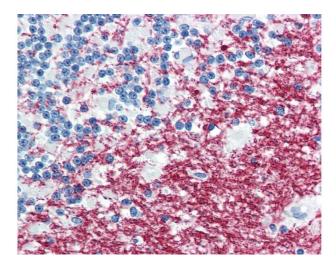
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Cerebellum (formalin-fixed, paraffinembedded) stained with PLP1 antibody ABIN364261 at 10 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Brain, Cortex (formalin-fixed, paraffinembedded) stained with PLP1 antibody ABIN364261 at 10 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 3. Anti-PLP1 antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.