

AB-NN306-1

PHYH/PAHX Antibody

Pan-specific monoclonal antibody (S210-5) for monitoring the expression of human PHYH/PAHX



KINEXUS

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Target Protein

Name Long:	Phytanoyl-CoA dioxygenase, peroxisomal
Alias:	Phytanoyl-CoA dioxygenase, peroxisomal, PAHX, peroxisomal, PhyH, PHYH1, Phytanic acid oxidase, phytanoyl-CoA alpha hydroxylase, phytanoyl CoA 2 hydroxylase, Phytanoyl CoA 2 oxoglutarate dioxygenase, Phytanoyl CoA alpha hydroxylase, Phytanoyl CoA dioxygenase, Phytanoyl CoA dioxygenase peroxisomal, Phytanoyl-CoA alpha-hydroxylase, Phytanoyl-CoA dioxygenase, RD, LN1, LNAP1, OTTHUMP00000019131, OTTHUMP00000019132
UniProt ID:	O14832 - Human
Human Predicted Mass (KDa):	38.538 (388 AA; O14832-1); 27.291 (238 AA; O14832-2)
Observed SDS-PAGE Mass (KDa):	40

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 1-338 (full-length) of human PhyH. Rat: 78% identity (264/338 amino acids identical). Mouse: 78% identity (264/338 amino acids identical).
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	IgG1
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB ICC/IF
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	1 µg/ml of SMC-472 was sufficient for detection of PHYH/PAHX in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	In mouse brain lysates, this antibody detects a ~40 kDa protein.
Antibody Specificity:	Very High

This product is for in vitro research use only and is not intended for use in humans or animals.

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