

AB-NN305-1

PEX6 Antibody

Pan-specific monoclonal antibody (S233-8) for monitoring the expression of human PEX6



KINEXUS

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Target Protein

Name Long:	Peroxisome assembly factor 2
Alias:	PAF 2, Peroxin 6, Peroxisomal AAA type ATPase 1, Peroxisomal biogenesis factor 6, PXAAA1, peroxisomal-type ATPase 1, peroxisome biogenesis factor 6
UniProt ID:	Q13608 - Human
Human Predicted Mass (KDa):	104.061 (980 AA; Q13608-1); 94.571 (892 AA; Q13608-3); 77.743 (738 AA; Q13608-2)
Observed SDS-PAGE Mass (KDa):	100

Immunogen

Antibody Immunogen Source:	Fusion protein amino acids 2-294 (N-terminus) of human PEX6. Rat: 82% identity (243/293 amino acids identical). Mouse: 82% identity (244/294 amino acids identical). <50% identity with other PEX proteins.
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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 Rat
Antibody Positive Control:	1 µg/ml of SMC-470 was sufficient for detection of PEX6 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 ~100 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.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987