

# PEX19 Antibody

Rabbit mAb

Catalog # AP92562

## Product Information

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<b>Application</b>	WB, IF, FC, ICC, IP
<b>Primary Accession</b>	<a href="#">P40855</a>
<b>Reactivity</b>	Rat, Human
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	HK33; PBD12A; Peroxin 19; PEX19; PMP1; PMPI; PXF; PXMP1;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	32807

## Additional Information

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<b>Dilution</b>	WB 1:500~1:2000 ICC/IF 1:50~1:200 IP 1:50 FC 1:50
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human PEX19
<b>Description</b>	Necessary for early peroxisomal biogenesis. Acts both as a cytosolic chaperone and as an import receptor for peroxisomal membrane proteins (PMPs). Binds and stabilizes newly synthesized PMPs in the cytoplasm by interacting with their hydrophobic membrane-spanning domains, and targets them to the peroxisome membrane by binding to the integral membrane protein PEX3.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

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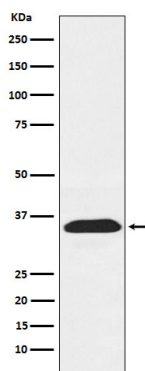
<b>Name</b>	PEX19 ( <a href="#">HGNC:9713</a> )
<b>Synonyms</b>	HK33, PXF
<b>Function</b>	Necessary for early peroxisomal biogenesis. Acts both as a cytosolic chaperone and as an import receptor for peroxisomal membrane proteins (PMPs). Binds and stabilizes newly synthesized PMPs in the cytoplasm by interacting with their hydrophobic membrane-spanning domains, and targets them to the peroxisome membrane by binding to the integral membrane protein PEX3. Excludes CDKN2A from the nucleus and prevents its interaction with MDM2, which results in active degradation of TP53.
<b>Cellular Location</b>	Cytoplasm. Peroxisome membrane; Lipid-anchor; Cytoplasmic side. Note=Mainly cytoplasmic. Some fraction membrane-associated to the outer surface of peroxisomes.

## Tissue Location

Ubiquitously expressed. Isoform 1 is strongly predominant in all tissues except in utero where isoform 2 is the main form.

## Images

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Western blot analysis of PEX19 expression in Jurkat cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.