

PEX19 Antibody
Rabbit mAb
Catalog # AP92562

Specification

PEX19 Antibody - Product Information

Application	WB, FC, ICC, IP
Primary Accession	P40855
Reactivity	Rat
Clonality	Monoclonal
Other Names	
HK33; PBD12A; Peroxin 19; PEX19; PMP1; PMPI; PXF; PXMP1;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	32807 Da

PEX19 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human PEX19
Description	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.
Storage Condition and Buffer	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.

PEX19 Antibody - Protein Information

Name PEX19 ([HGNC:9713](#))

Synonyms HK33, PXF

Function

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.

Cellular Location

Cytoplasm. Peroxisome membrane; Lipid-anchor; Cytoplasmic side. Note=Mainly cytoplasmic. Some fraction membrane-associated to the outer surface of peroxisomes.

Tissue Location

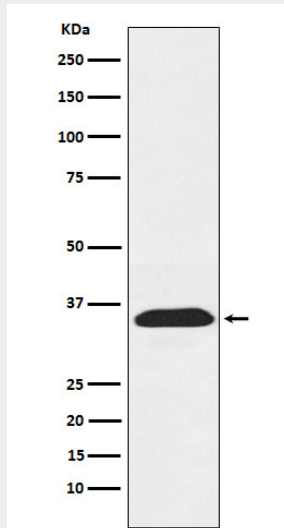
Ubiquitously expressed. Isoform 1 is strongly predominant in all tissues except in utero where isoform 2 is the main form.

PEX19 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PEX19 Antibody - Images



Western blot analysis of PEX19 expression in Jurkat cell lysate.