

PEX19 Rabbit mAb

Catalog # AP78452

Product Information

Application WB, IF, FC, ICC, IP

Primary Accession P40855
Reactivity Rat, Human
Rabbit

Clonality Monoclonal Antibody

Isotype IgG

Conjugate Unconjugated

Immunogen A synthesized peptide derived from human PEX19

Purification Affinity Purified

Calculated MW 32807

Additional Information

Gene ID 5824

Other Names PEX19

Dilution WB~~1/500-1/1000 IF~~1:50~200 FC~~1:10~50 ICC~~N/A IP~~N/A

Format Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02%

sodium azide and 50% glycerol.

Storage Store at 4°C short term. Aliquot and store at -20°C long term. Avoid

freeze/thaw cycles.

Protein Information

Name PEX19 (<u>HGNC:9713</u>)

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.

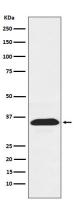
Cellular Location Cytoplasm. Peroxisome membrane; Lipid-anchor; Cytoplasmic side.

Note=Mainly cytoplasmic. Some fraction membrane-associated to the outer

surface of peroxisomes.

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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