

PEX19 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54906

Specification

PEX19 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	P40855
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	32807

PEX19 Polyclonal Antibody - Additional Information

Gene ID 5824

Other Names

Peroxisomal biogenesis factor 19, 33 kDa housekeeping protein, Peroxin-19, Peroxisomal farnesylated protein, PEX19, HK33, PXF

Dilution

IHC-P~~N/A
IHC-F~~N/A
IF~~1:50~200
ICC~~N/A
E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PEX19 Polyclonal 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 Polyclonal 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 Polyclonal Antibody - Images