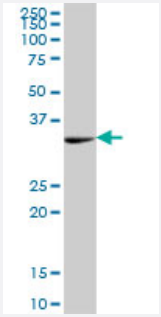
MaxPab®

PEX19 purified MaxPab mouse polyclonal antibody (B02P)

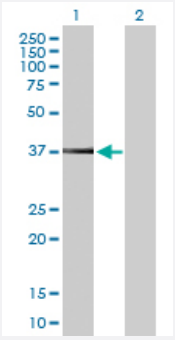
Catalog # H00005824-B02P Size 50 ug

Applications



Western Blot (Tissue lysate)

PEX19 MaxPab polyclonal antibody. Western Blot analysis of PEX19 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of PEX19 expression in transfected 293T cell line (H00005824-T04) by PEX19 MaxPab polyclonal antibody.

Lane 1: PEX19 transfected lysate(33 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PEX19 protein.
Immunogen	PEX19 (AAH00496.1, 1 a.a. ~ 299 a.a) full-length human protein.
Sequence	MAAAEEGCSVGAEADRELEELLESALDDFDKAKPSPAPPSTTTAPDASGPQKRSPGDTAKDAL FASQEKFFQELFDSELASQATAEFEKAMKELAEEEPHLVEQFQKLSEAAGRVGSDMTSQQEFT SCLKETLSGLAKNATDLQNSSMSEEELTKAMEGLGMDEGDGEGNILPIMQGIMQNLLSKDVLYPS LKEITEKYPEWLQSHRESLPPEQFEKYQEQHSVMCKICEQFEAETPTDSETTQKARFEMVLDLM QQLQDLGHPPKELAGEMPPGLNFDLDAPNLSGPPGASGEQCLIM
Host	Mouse

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Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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  Protocol Download

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  Lane 1: PEX19 transfected lysate(33 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — PEX19

Entrez GeneID	5824
GeneBank Accession#	BC000496.2
Protein Accession#	AAH00496.1
Gene Name	PEX19
Gene Alias	D1S2223E, HK33, PMP1, PMPI, PXF, PXMP1
Gene Description	peroxisomal biogenesis factor 19
Omim ID	214100 600279
Gene Ontology	Hyperlink

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Gene Summary	This gene is necessary for early peroxisomal biogenesis. It acts both as a cytosolic chaperone and as an import receptor for peroxisomal membrane proteins (PMPs). Peroxins (PEXs) are proteins that are essential for the assembly of functional peroxisomes. The peroxisome biogenesis disorders (PBDs) are a group of genetically heterogeneous autosomal recessive, lethal diseases characterized by multiple defects in peroxisome function. The peroxisomal biogenesis disorders are a heterogeneous group with at least 14 complementation groups and with more than 1 phenotype being observed in cases falling into particular complementation groups. Although the clinical features of PBD patients vary, cells from all PBD patients exhibit a defect in the import of one or more classes of peroxisomal matrix proteins into the organelle. Defects in this gene are a cause Zellweger syndrome (ZWS). [provided by RefSeq
Other Designations	OTTHUMP00000031848|housekeeping gene, 33kD|peroxisomal farnesylated protein

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