

DNAxPAb

Hard-to-Find
Antibody

PEX5 DNAxPab

Catalog # H00005830-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human PEX5 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PEX5

Entrez GeneID	5830
GeneBank Accession#	NM_000319.3
Protein Accession#	NP_000310.2
Gene Name	PEX5
Gene Alias	FLJ50634, FLJ50721, FLJ51948, PTS1-BP, PTS1R, PXR1
Gene Description	peroxisomal biogenesis factor 5
Omim ID	202370 214100 600414
Gene Ontology	Hyperlink
Gene Summary	<p>The product of this gene binds to the C-terminal PTS1-type tripeptide peroxisomal targeting signal (SKL-type) and plays an essential role in peroxisomal protein import. 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 of neonatal adrenoleukodystrophy (NALD), a cause of Zellweger syndrome (ZWS) as well as may be a cause of infantile Refsum disease (IRD). Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]</p>
Other Designations	peroxin-5 peroxisomal C-terminal targeting signal import receptor peroxisomal targeting signal 1 (SKL type) receptor peroxisomal targeting signal import receptor peroxisomal targeting signal receptor 1 peroxisome receptor 1