

DNAxPAb

Hard-to-Find
Antibody

PEX1 DNAxPab

Catalog # H00005189-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human PEX1 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MWGSDDLRLAGAGGGGAAVTVAFTNARDCFLHLPRLVAQLHLLQNQAIEVVWSHQPAFLSWVEG
RHFSDQGENVAEINRQVGQKLGLSNGGQVFLKPCSHVSCQQVEVEPLSADDWEILELHAVSLE
QHLLDQIRVFPKAIFPVWVDQQTIFYIQIVALIPAASYGRLETDTKLLIQPKTRRAKENTFSKADAEYK
KLHSYGRDQKGMMKELQTKQLQSNTVGITESNENESEIPVDSSSVASLWTMIGSIFSFQSEKKQE
TSWGLTEINAFKNMQSKVPLDNIFRVCKSQPPSYNASATSVFHKHCAIHVFPWDQEYFDVEPS
FTVTYGLVKLLSPKQQQSKTKQNVLSPEKEKQMSEPLDQKKIRSDHNEEDEKACVLQVWVWNGL
EELNNAIKYTKNVEVLHLGKVWIPDDLRLKRLNIEMHAVVRITPVEVTPKIPRSLKLQPRENLPKDISE
EDIKTVFYSWLQQSTTTMLPLVISEEEFIKLETKDGLKEFSLSIVHSWEKEKDKNIFLLSPNLLQKTTI
QVLLDPMVKEENSEEIDFILPFLKLSSLGGVNSLGVSSLEHITHSLLGRPLSRQLMSLVAGLRNGA
LLLTTGGKGSSTLAKAICKEAFDKLDAHVERVDCKALRGKRLENIQKTLEVAFSEAVWMQPSV
VLLDDLDLIAGLPAVPEHEHSPDAVQSQRLAHLNDMIKEFISMGSLVALIATSQSQQSLHPLLVS
AQQVHIFQCVQHIQPPNQEQRCEILCNVIKNKLDCKDINKFTDLDLQHVAKETGGFVARDFTVLVDR
AIHSRLSRQSISTREKLVLTTLDFQKALRGFLPASLRSVNLHKPRDLGWDKIGGLHEVRQILMDTIQL
PAKYPELGFANLPIRQRTGILLYGPPGTGKTLLAGVIARESRMNFISVKGPELLSKYIGASEQAVRDI
RAQAAPKPCILFFDEFESIAPRRGHDNTGVTDREVNVQLLTQLDGVGLQGVYLAATSRPDLIDPAL
LRPGRLDKCVYCPPPDQVSRLEILNVLSDSLPLADDVDLQHVASVTDSTGTADLKALLYNAQLEA
LHGMILLSSGLQDGSSSSSDSLSSMVFLNHSSGSDDSDAGDGECGLDQSLVSELMSEILPDES
KFNMYRLYFGSSYESELGNGTSSDLSSQCLSAPESSMTQDLPGVPGKDQLFSQPPVLRASQEG
CQELTQEQRDQLRADISIIKGRYRSQSGEDES MNQPGPIKTRLAISQSHLMTALGHTRPSISEDW
KNFAELYESFQNPKRKNQSGTMFRPGQKVTLA

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 — PEX1

Entrez GeneID [5189](#)**GeneBank Accession#** [NM_000466.2](#)**Protein Accession#** [NP_000457.1](#)**Gene Name** PEX1**Gene Alias** ZWS1**Gene Description** peroxisomal biogenesis factor 1**Omim ID** [202370](#) [214100](#) [266510](#) [602136](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes a member of the AAA ATPase family, a large group of ATPases associated with diverse cellular activities. This protein is cytoplasmic but is often anchored to a peroxisomal membrane where it forms a heteromeric complex and plays a role in the import of proteins into peroxisomes and peroxisome biogenesis. Mutations in this gene have been associated with complementation group 1 peroxisomal disorders such as neonatal adrenoleukodystrophy, infantile Refsum disease, and Zellweger syndrome. [provided by RefSeq]

Other Designations peroxin1|peroxisome biogenesis disorder protein 1

Disease

- [Diabetes Mellitus](#)