



Rabbit Anti-Human PEX2 Polyclonal Antibody (CABT-L2102)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Peroxisomal Biogenesis Factor 2 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against PEX2. It has been selected for its ability to recognize PEX2 in immunohistochemical staining and western blotting.
Target	PEX2
Immunogen	Recombinant fragment corresponding to human PEX2 (Ser233-Leu305)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	This gene encodes an integral peroxisomal membrane protein required for peroxisome biogenesis. The protein is thought to be involved in peroxisomal matrix protein import. Mutations in this gene result in one form of Zellweger syndrome and infantile Refsum disease. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]
Keywords	PXMP3;PAF1;PMP35;PMP3;RNF72;Peroxin 2;Peroxisome Assembly Factor 1;Peroxisomal Membrane Protein 35kDa;Peroxisomal Membrane Protein 3

GENE INFORMATION

Gene Name	PEX2 peroxisomal biogenesis factor 2 [Homo sapiens (human)]
Official Symbol	PEX2
Synonyms	PEX2; peroxisomal biogenesis factor 2; PAF1; PMP3; ZWS3; PBD5A; PBD5B; PMP35; PXMP3; RNF72; peroxisome biogenesis factor 2; RING finger protein 72; peroxisome assembly factor 1; peroxisome assembly factor-1; 35 kDa peroxisomal membrane protein; peroxisomal membrane protein 3, 35kDa;
Entrez Gene ID	5828
Protein Refseq	NP_000309
UniProt ID	P28328
Chromosome Location	8q21.1
Pathway	Peroxisome;
Function	protein binding; zinc ion binding;