



Mouse anti-Human PEX14 monoclonal antibody, clone 2H23 (CABT-B10960)

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

PRODUCT INFORMATION

Immunogen	PEX14 (NP_004556, 293 a.a. ~ 376 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	2H23
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	LGPQEEGEGVVDVKGQVRMEVQGEEEEKREDKEDEEDEEDDDVSHVDEEDCLGVQREDRRG GDGQINEQVEKLRRPEGASNESE*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes an essential component of the peroxisomal import machinery. The protein is integrated into peroxisome membranes with its C-terminus exposed to the cytosol, and
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interacts with the cytosolic receptor for proteins containing a PTS1 peroxisomal targeting signal. The protein also functions as a transcriptional corepressor and interacts with a histone deacetylase. A mutation in this gene results in one form of Zellweger syndrome. [provided by RefSeq, Jul 2008]

Keywords	PEX14; peroxisomal biogenesis factor 14; NAPP2; PBD13A; Pex14p; dJ734G22.2; peroxisomal membrane protein PEX14; peroxin-14; PTS1 receptor docking protein; PTS1 receptor-docking protein; NF-E2 associated polypeptide 2; peroxisomal membrane anchor protein PEX14; peroxisomal membrane anchor protein Pex14p;
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GENE INFORMATION

Entrez Gene ID	5195
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UniProt ID	O75381
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Pathway	Peroxisome, organism-specific biosystem; Peroxisome, conserved biosystem
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Function	protein N-terminus binding; protein binding; transcription corepressor activity
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