PEX7 rabbit monoclonal antibody

Catalog # H00005191-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PEX7 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PEX7 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PEX7 peptide by ELISA and mammalian transfected lysate by We stern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — PEX7

Entrez GeneID	5191
GeneBank Accession#	PEX7
Gene Name	PEX7
Gene Alias	PTS2R, RCDP1, RD
Gene Description	peroxisomal biogenesis factor 7
Omim ID	215100 266500 601757
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the cytosolic receptor for the set of peroxisomal matrix enzymes targeted to th e organelle by the peroxisome targeting signal 2 (PTS2). Defects in this gene cause peroxisome biogenesis disorders (PBDs), which are characterized by multiple defects in peroxisome function. There are at least 14 complementation groups for PBDs, with more than one phenotype being ob served in cases falling into particular complementation groups. Although the clinical features of P BD 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 have been associated with PBD complementation group 11 (PBD-CG11) disorders, rhizomelic chondrodysplasia punctata ty pe 1 (RCDP1), and Refsum disease (RD). [provided by RefSeq
Other Designations	OTTHUMP00000017277|peroxin-7|peroxisomal PTS2 receptor|peroxisome targeting signal 2 re ceptor

Disease

- Cardiovascular Diseases
- Cleft Lip
- Cleft Palate
- Diabetes Mellitus
- Edema
- Huntington disease