

# PEX10 Polyclonal antibody

Catalog Number: 27502-1-AP

## Basic Information

**Catalog Number:**

27502-1-AP

**Size:**

300 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG26665

**GenBank Accession Number:**

BC018198

**GeneID (NCBI):**

5192

**UNIPROT ID:**

O60683

**Full Name:**

peroxisomal biogenesis factor 10

**Calculated MW:**

37 kDa

**Observed MW:**

37-50 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:3000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

Human

**Positive Controls:**

WB : MCF-7 cells, MDA-MB-231 cells

## Background Information

Peroxisome biogenesis factor 10 (PEX10) is involved in the import of peroxisomal matrix proteins, and the mutation of this gene causes 3 subtypes of peroxisome biogenesis disorders, namely Zellweger syndrome (severe), neonatal adrenoleukodystrophy (moderate) and an ataxic form (mild). ( PMID: 28320181)

## Storage

**Storage:**

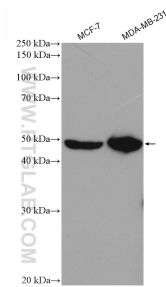
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27502-1-AP (PEX10 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.