

Datasheet for ABIN630915 **anti-PEX5 antibody (N-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	PEX5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PEX5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	PEX5 antibody was raised using the N terminal of PEX5 corresponding to a region with amino acids TATDRWYDEYHPEEDLQHTASDFVAKVDDPKLANSEFLKFVRQIGEGQVS
Specificity:	PEX5 antibody was raised against the N terminal of PEX5
Purification:	Affinity purified

Target Details

Target:	PEX5
Alternative Name:	PEX5 (PEX5 Products)
Background:	PEX5 binds to the C-terminal PTS1-type tripeptide peroxisomal targeting signal (SKL-type) and plays an essential role in peroxisomal protein import. Peroxisins (PEXs) are proteins that are essential for the assembly of functional peroxisomes. The peroxisome biogenesis disorders

Target Details

(PBDs) are a group of genetically heterogeneous autosomal recessive, lethal diseases characterized by multiple defects in peroxisome function.

Molecular Weight: 70 kDa (MW of target protein)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: PEX5 Blocking Peptide, catalog no. 33R-8985, is also available for use as a blocking control in assays to test for specificity of this PEX5 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PEX5 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. PEX5 antibody used at 1 ug/ml to detect target protein.