

Datasheet for ABIN5539904
anti-PEX5 antibody (Internal Region)



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Overview

Quantity:	100 µg
Target:	PEX5
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PEX5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	PEX5
Sequence:	QHTASDFVAK VDDPK
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_001124495.1, NP_000310.2, NP_001124496.1, NP_001124497.1). Reported variants represent identical protein: NP_001124498.1, NP_001124497.1
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	PEX5
Alternative Name:	PEX5 (PEX5 Products)
Background:	PEX5, peroxisomal biogenesis factor 5, FLJ50634, FLJ50721, FLJ51948, PTS1-BP, PTS1R, PXR1, OTTHUMP00000238192, OTTHUMP00000238193, OTTHUMP00000238194, OTTHUMP00000238195, OTTHUMP00000238353, OTTHUMP00000238354, OTTHUMP00000238356, PTS1 receptor, peroxin-5
Gene ID:	5830
NCBI Accession:	NP_001124495 , NP_000310 , NP_001124496 , NP_001124497
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Western Blot: Approx 70+65 kDa bands observed in Human Kidney lysates (calculated MW of 72.3 kDa according to NP_001124495.1 and 66.8 kDa according to NP_001124496.1). Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.