Datasheet for ABIN6746208

anti-PEX2 antibody (N-Term)

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Overview

Quantity:	100 µL
Target:	PEX2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig, Horse, Monkey, Pig, Hamster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PEX2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide from N-Terminus of mouse Pex2 (P55098, NP_033020). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Marmoset, Mouse, Rat, Hamster, Elephant, Bovine, Horse, Pig, Guinea pig (100%), Galago, Panda, Dog, Bat, Rabbit, Opossum, Lizard (92%), Zebra finch, Xenopus (85%). Type of Immunogen: Synthetic peptide
Specificity:	Mouse PEX2
Predicted Reactivity:	Percent identity by BLAST analysis: Mouse (100%).
Purification:	Immunoaffinity purified

Target Details

Target:	PEX2
Alternative Name:	PEX2 / PAF-1 (PEX2 Products)
Background:	Name/Gene ID: PEX2 Synonyms: PEX2, PBD5B, PBD5A, Peroxisome assembly factor 1, Peroxisome assembly factor-1, PMP35, PXMP3, RNF72, PAF-1, ZWS3, Peroxin-2, Peroxisomal membrane protein 3, Peroxisome biogenesis factor 2, PMP3, RING finger protein 72
Gene ID:	5828
NCBI Accession:	NP_033020
UniProt:	P28328
Pathways:	Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Approved: WB (1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Publications

Product cited in:

Nakatani, Thompson, Barthel, Sakaue, Liu, Weigel, Roth: "Up-regulation of Akt3 in estrogen receptor-deficient breast cancers and androgen-independent prostate cancer lines." in: **The Journal of biological chemistry**, Vol. 274, Issue 31, pp. 21528-32, (1999) (PubMed).

Frech, Andjelkovic, Ingley, Reddy, Falck, Hemmings: "High affinity binding of inositol phosphates and phosphoinositides to the pleckstrin homology domain of RAC/protein kinase B and their influence on kinase activity." in: **The Journal of biological chemistry**, Vol. 272, Issue 13, pp. 8474-81, (1997) (PubMed).

Cross, Alessi, Cohen, Andjelkovich, Hemmings: "Inhibition of glycogen synthase kinase-3 by insulin mediated by protein kinase B." in: **Nature**, Vol. 378, Issue 6559, pp. 785-9, (1996) (PubMed).

Jones, Jakubowicz, Pitossi, Maurer, Hemmings: "Molecular cloning and identification of a serine/threonine protein kinase of the second-messenger subfamily." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 88, Issue 10, pp. 4171-5, (1991) (PubMed).

Images

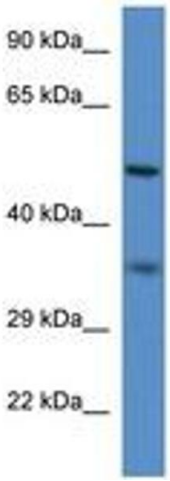

Image 1.