

ARG42753 anti-PEX11B antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PEX11B
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PEX11B
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 132-177 of Human PEX11B.
Conjugation	Un-conjugated
Alternate Names	Protein PEX11 homolog beta; Peroxisomal biogenesis factor 11B; Peroxin-11B; Peroxisomal membrane protein 11B; PEX14B; PEX11-BETA; PEX11-beta

Application Instructions

Application table	Application	Dilution
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	MCF7, Raw264.7 and PC12	
Observed Size	~ 28 kDa	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.2), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw

cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

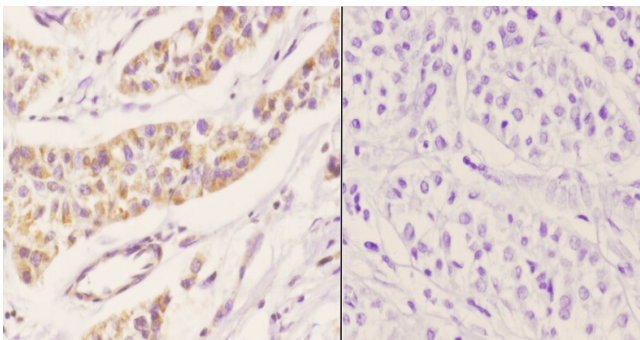
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

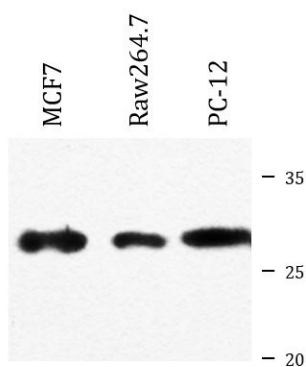
Gene Symbol	PEX11B
Gene Full Name	peroxisomal biogenesis factor 11 beta
Background	The protein encoded by this gene facilitates peroxisomal proliferation and interacts with PEX19. The encoded protein is found in the peroxisomal membrane. Several transcript variants, some protein-coding and some not protein-coding, have been found for this gene. [provided by RefSeq, Dec 2012]
Function	Involved in peroxisomal proliferation (PubMed:9792670). May regulate peroxisome division by recruiting the dynamin-related GTPase DNM1L to the peroxisomal membrane (PubMed:12618434). Promotes membrane protrusion and elongation on the peroxisomal surface (PubMed:20826455). [UniProt]
Calculated Mw	28 kDa
Cellular Localization	Peroxisome membrane; Single-pass membrane protein. [UniProt]

Images



ARG42753 anti-PEX11B antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver carcinoma tissue stained with ARG42753 anti-PEX11B antibody at 1:50 dilution (left). Negative control (right): Using PBS instead of primary antibody.



ARG42753 anti-PEX11B antibody WB image

Western blot: MCF7, Raw264.7 and PC-12 cell lysate stained with ARG42753 anti-PEX11B antibody at 1:500 dilution.