

ARG40805 anti-PEX14 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PEX14
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PEX14
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 118-377 of Human PEX14 (NP_004556.1).
Conjugation	Un-conjugated
Alternate Names	NAPP2; dJ734G22.2; Peroxin-14; Peroxisomal membrane anchor protein PEX14; PTS1 receptor-docking protein; PBD13A; Peroxisomal membrane protein PEX14; Pex14p

Application Instructions

Predict Reactivity Note	Mouse						
Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>IHC-P</td><td>1:50 - 1:200</td></tr> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> </table>	Application	Dilution	IHC-P	1:50 - 1:200	WB	1:500 - 1:2000
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IHC-P	1:50 - 1:200						
WB	1:500 - 1:2000						
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.						

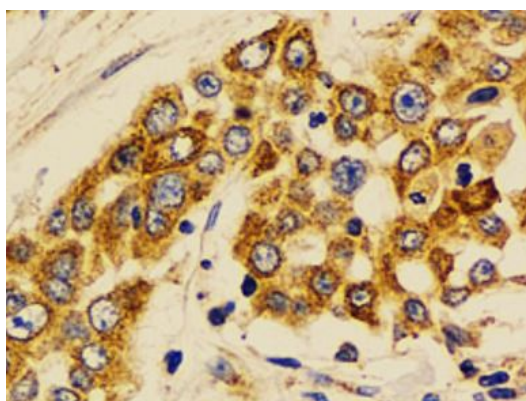
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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	PEX14
Gene Full Name	peroxisomal biogenesis factor 14
Background	This gene encodes an essential component of the peroxisomal import machinery. The protein is integrated into peroxisome membranes with its C-terminus exposed to the cytosol, and interacts with the cytosolic receptor for proteins containing a PTS1 peroxisomal targeting signal. The protein also functions as a transcriptional corepressor and interacts with a histone deacetylase. A mutation in this gene results in one form of Zellweger syndrome. [provided by RefSeq, Jul 2008]
Function	Peroxisome membrane protein that is an essential component of the peroxisomal import machinery. Functions as a docking factor for the predominantly cytoplasmic PTS1 receptor (PEX5). Plays a key role for peroxisome movement through a direct interaction with tubulin. [UniProt]
Calculated Mw	41 kDa
Cellular Localization	Peroxisome membrane; Peripheral membrane protein; Cytoplasmic side. [UniProt]

Images



ARG40805 anti-PEX14 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human colon carcinoma stained with ARG40805 anti-PEX14 antibody at 1:100 dilution.