

## ARG66576 anti-PEX14 antibody

Package: 100 µg  
Store at: -20°C

### Summary

|                     |   |
|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes PEX14   |
| Tested Reactivity   | Hu  |
| Predict Reactivity  | Ms, Rat   |
| Tested Application  | IHC-P, WB   |
| Host                | Rabbit  |
| Clonality           | Polyclonal  |
| Isotype             | IgG   |
| Target Name         | PEX14   |
| Species             | Human   |
| Immunogen           | Synthetic peptide between aa. 90-170 of Human PEX14.  |
| 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

|                   |  |                |
|-------------------|--|----------------|
| Application table | Application  | Dilution       |
|                   | IHC-P  | 1:100 - 1:300  |
|                   | 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. |                |

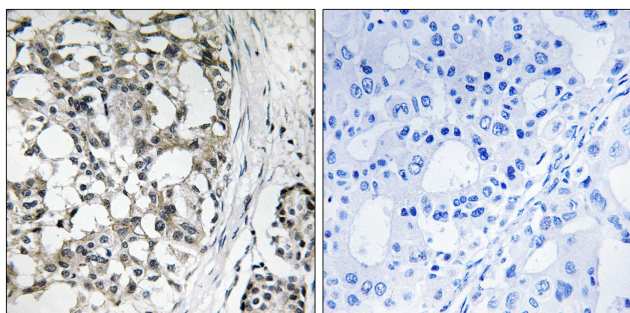
### Properties

|                     |   |
|---------------------|---|
| Form                | Liquid  |
| Purification        | Affinity purification with immunogen.   |
| Buffer              | PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.   |
| Preservative        | 0.02% Sodium azide  |
| Stabilizer          | 50% Glycerol and 0.5% BSA   |
| 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

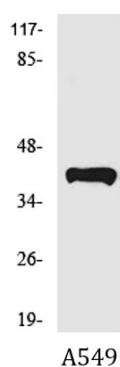
|                       |  |
|-----------------------|--|
| Gene Symbol           | PEX14  |
| Gene Full Name        | peroxisomal biogenesis factor 14   |
| Background            | This gene encodes an essential component of the peroxisomal import machinery. The protein is integrated into peroxisome 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



ARG66576 anti-PEX14 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human breast carcinoma tissue stained with ARG66576 anti-PEX14 antibody. The picture on the right was blocked with the synthetic peptide.



ARG66576 anti-PEX14 antibody WB image

Western blot: A549 cell lysate stained with ARG66576 anti-PEX14 antibody.