

## Anti-PEX14 antibody (118-377) (STJ29475)

### GENERAL INFORMATION

|               |                    |
|---------------|--------------------|
| Product Type  | Primary antibodies |
| Applications  | WB/IHC-P/ELISA     |
| Host / Source | Rabbit             |
| Reactivity    | Human/Mouse        |

### PRODUCT PROPERTIES

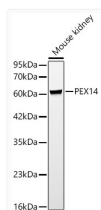
|                     |                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clonality           | Polyclonal                                                                                                                                                               |
| Concentration       | Lot specific                                                                                                                                                             |
| Conjugation         | Unconjugated                                                                                                                                                             |
| Purification        | Affinity purification                                                                                                                                                    |
| Dilution Range      | WB:1:500-1:2000<br>IHC-P:1:50-1:200<br>ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| Formulation         | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                                                       |
| Isotype             | IgG                                                                                                                                                                      |
| Molecular Weight    | Protein Mw: 41kDa<br>Observed Mw: 57kDa                                                                                                                                  |
| Storage Instruction | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                                           |

### TARGET INFORMATION

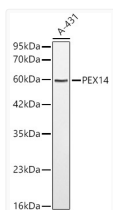
|                    |                                                                                                                                                                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | <a href="#">5195</a>                                                                                                                                                                                                                                         |
| Gene Symbol        | <a href="#">PEX14</a>                                                                                                                                                                                                                                        |
| UniProt ID         | <a href="#">PEX14_HUMAN</a>                                                                                                                                                                                                                                  |
| Immunogen Region   | 118-377                                                                                                                                                                                                                                                      |
| Immunogen Sequence | GIAFGFHQLYKYYLLPLILG GREDRKQLERMEAGLSELG SVAQTVTQLQTTLASVQELL<br>IQQQQKIQLAHELAATAKAT TSTNWILESQNINELKSEIN SLKGLLLNRRQFPSPSPAPK<br>IPSWQIPVKSPSPSPAAN HHSSDISPVSNESTSSSPG KEGHSPEGSTVTYHLLGPQE<br>EGEGVVDVKGVQVRMEVQGE EKRDEKDEEEDDDVSHV DEEDCLGVQREDRRGGDGG |
| Specificity        | Recombinant fusion protein containing a sequence corresponding to amino acids 118-377 of human PEX14 (NP_004556.1).                                                                                                                                          |

### ADDITIONAL INFORMATION

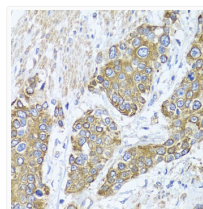
|      |                                                                                                                         |
|------|-------------------------------------------------------------------------------------------------------------------------|
| Note | STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS. |
|------|-------------------------------------------------------------------------------------------------------------------------|



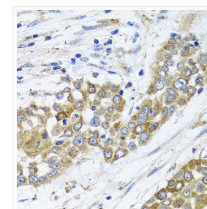
Western blot analysis of mouse kidney, using PEX14 rabbit polyclonal antibody (STJ29475) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 60s.



Western blot analysis of A-431, using PEX14 rabbit polyclonal antibody (STJ29475) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded human prostate cancer using PEX14 antibody (STJ29475) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using PEX14 antibody (STJ29475) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.