

## Rabbit anti-Human PEX1 Polyclonal Antibody | anti-PEX1 antibody

PEX1 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                    |
|-----------|--------|------------|-------------------------------------------------|
| AAA233819 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, ELISA |

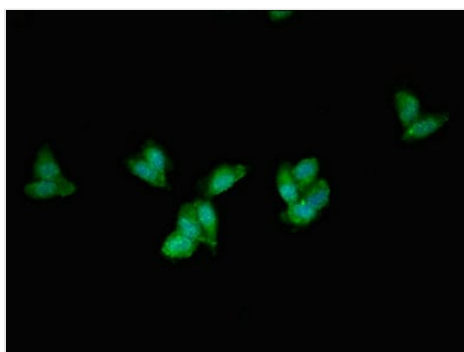
### PRODUCT SYNONYMS

PEX1; Polyclonal Antibody; PEX1 Antibody; Peroxisome biogenesis factor 1; Peroxin-1; Peroxisome biogenesis disorder protein 1; anti-PEX1 antibody

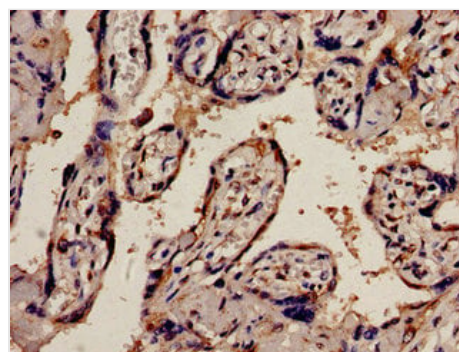
### PRODUCT SPECIFICATIONS

|                                                |                                                                                  |
|------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                           |
| Reactivity                                     | Human                                                                            |
| Clonality                                      | Polyclonal                                                                       |
| Isotype                                        | IgG                                                                              |
| Purity/Purification                            | >95%, Protein G purified                                                         |
| Form/Format                                    | Liquid                                                                           |
| Sequence Length                                | 1283                                                                             |
| Applicable Applications for anti-PEX1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                       |
| Immunogen                                      | Recombinant Human Peroxisome biogenesis factor 1 protein (927-1283AA)            |
| Conjugation                                    | Non-conjugated                                                                   |
| Buffer                                         | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH 7.4 |
| Preparation and Storage                        | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.      |

### IMAGES


**IF (Immunofluorescence)**

Immunofluorescent analysis of HepG2 cells using AAA233819 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


**IHC (Immunohistochemistry)**

Immunohistochemistry analysis of human placenta tissue using AAA233819 at dilution of 1:100

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                  |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PEX1 antibody | Required for stability of PEX5 and protein import into the peroxisome matrix. Anchored by PEX26 to peroxisome membranes, possibly to form heteromeric AAA ATPase complexes required for the import of proteins into peroxisomes. |
| Product Categories/Family for anti-PEX1 antibody   | Signal Transduction                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 4505725                                                                |
| NCBI GeneID                      | 5189                                                                   |
| NCBI Accession #                 | NP_000457.1                                                            |
| NCBI GenBank Nucleotide #        | NM_000466.2                                                            |
| UniProt Accession #              | O43933; Q96S71; Q96S72; Q96S73; Q99994; A4D1G3; A8KA90; B4DIM7; E9PE75 |
| Molecular Weight                 | 105,999 Da                                                             |
| NCBI Official Full Name          | peroxisome biogenesis factor 1 isoform 1                               |
| NCBI Official Synonym Full Names | peroxisomal biogenesis factor 1                                        |
| NCBI Official Symbol             | PEX1                                                                   |
| NCBI Official Synonym Symbols    | ZWS; ZWS1; HMLR1; PBD1A; PBD1B                                         |
| NCBI Protein Information         | peroxisome biogenesis factor 1                                         |
| UniProt Protein Name             | Peroxisome biogenesis factor 1                                         |
| UniProt Gene Name                | PEX1                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pex1-antibody-immunofluorescence-immunohistochemistry-elisa/233819>