

Rabbit anti-Human PEX13 Polyclonal Antibody | anti-PEX13 antibody

Anti-PEX13 Antibody, Rabbit Polyclonal

CATALOG # AAA255974	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

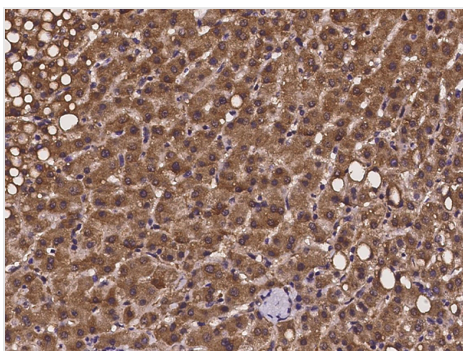
PRODUCT SYNONYMS

PEX13; Polyclonal Antibody; Anti-PEX13 Antibody; Rabbit Polyclonal; PEX13 Antibody; Rabbit PAb; Antigen Affinity Purified; peroxisomal biogenesis factor 13; Anti-NALD Antibody; Anti-PBD11A Antibody; Anti-PBD11B Antibody; Anti-ZWS Antibody; anti-PEX13 antibody

PRODUCT SPECIFICATIONS

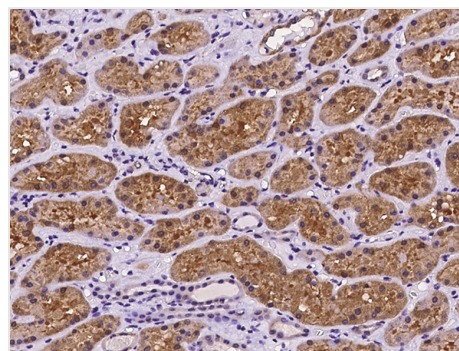
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PEX13
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PEX13 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human PEX13 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human PEX13 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human PEX13 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human PEX13 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-PEX13 antibody	PEX13 encodes an SH3-containing peroxisomal membrane protein required for the import of proteins into peroxisomes. PEX13 is an integral membrane protein on the peroxisome that regulates peroxisomal matrix protein import during peroxisome biogenesis. PEX13 spans approximately 11 kb on chromosome 2 and contains four exons, one more than previously thought. The corrected PEX13 cDNA is predicted to encode a protein product with a molecular mass of 44, 312 Da. Mutations in PEX13 and other peroxin proteins are associated with Zellweger syndrome spectrum (ZSS) disorders, a subtype of peroxisome biogenesis disorder characterized by prominent neurological, hepatic, and renal abnormalities leading to neonatal death. In humans, mutations in PEX13 can disrupt peroxisome biogenesis and lead to peroxisomal metabolic dysfunction and neurodegenerative disease.
References	Maxwell M, et al. (2003) Pex13 inactivation in the mouse disrupts peroxisome biogenesis and leads to a zellweger syndrome phenotype. Mol Cell Biol 23 (16): 5947-5957.Lee MY, et al. (2017) Peroxisomal protein pex13 functions in selective autophagy. EMBO Rep 18 (1): 48-60.Bjorkman J, et al. (2002) Pex13, the mouse ortholog of the human peroxisome biogenesis disorder pex13 gene: Gene structure, tissue expression, and localization of the protein to peroxisomes. Genomics 79 (2): 162-168.Bjorkman J, et al. (1998) Genomic structure of pex13, a candidate peroxisome biogenesis disorder gene. Genomics 54 (3): 521-528.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pex13-antibody-immunohistochemistry-elisa/255974>