

Rabbit anti-Human PET117 Polyclonal Antibody | anti-PET117 antibody

Anti-PET117 Antibody, Rabbit Polyclonal

CATALOG # AAA256632	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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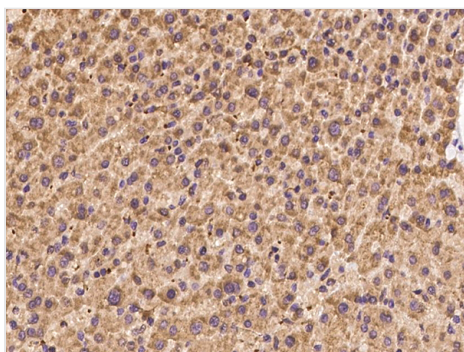
PRODUCT SYNONYMS

PET117; Polyclonal Antibody; Anti-PET117 Antibody; Rabbit Polyclonal; PET117 Antibody; Rabbit PAb; Antigen Affinity Purified; anti-PET117 antibody

PRODUCT SPECIFICATIONS

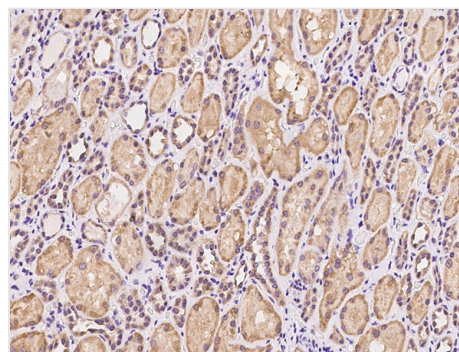
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PET117
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-PET117 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human PET117 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human PET117 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 PET117 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human PET117 in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-PET117 antibody	PET117 (PET117 Cytochrome C Oxidase Chaperone) is located on human chromosome 20p11.23. PET117 protein is ubiquitously expressed in duodenum, stomach, testis and other tissues. PET117 is associated with some diseases, including Mitochondrial Complex Iv Deficiency and 2-Aminoadipic 2-Oxoadipic Aciduria. Pet117 is shown to reside in the mitochondrial matrix, where it is associated with the inner membrane. Pet117 functions at the later maturation stages of the core CcO subunit Cox1 that precede Cox1 hemylation. Pet117 also physically interacts with Cox15 and specifically mediates the stability of Cox15 oligomeric complexes. Pet117 mediates coupling of heme a synthesis to the CcO assembly process in eukaryotes.
References	Taylor NG, et al. (2017) The assembly factor pet117 couples heme a synthase activity to cytochrome oxidase assembly. J Biol Chem 292 (5): 1815-1825.

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://www.aaabiotech.com/polyclonal/pet117-antibody-immunohistochemistry-elisa/256632>