

Rabbit PPOX Polyclonal Antibody | anti-PPOX antibody

PPOX Polyclonal Antibody

CATALOG # AAA37569	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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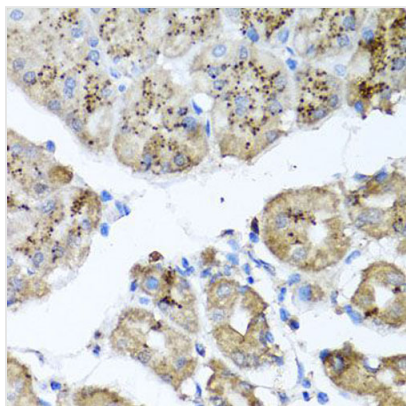
PRODUCT SYNONYMS

PPOX; Polyclonal Antibody; PPOX Polyclonal Antibody; VP; PPO; V290M; anti-PPOX antibody

PRODUCT SPECIFICATIONS

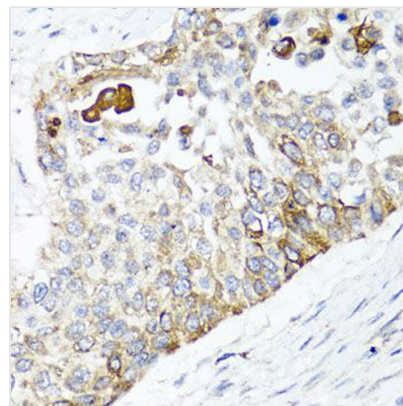
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	477
Applicable Applications for anti-PPOX antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human PPOX
Calculated Molecular Weight	50kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



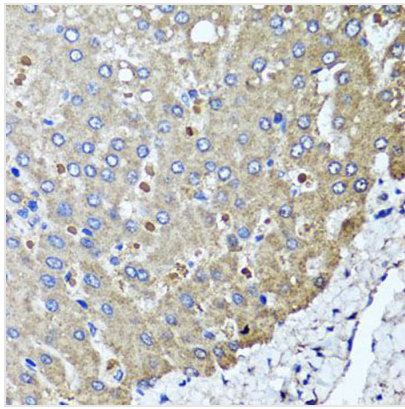
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using PPOX antibody at dilution of 1:100 (40x lens).



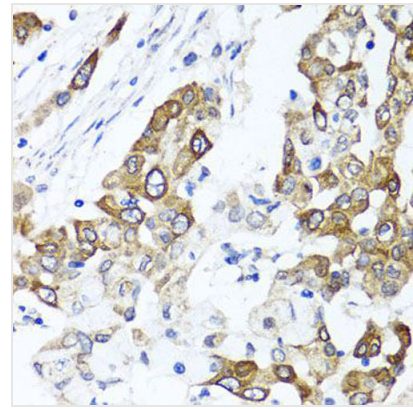
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using PPOX antibody at dilution of 1:100 (40x lens).



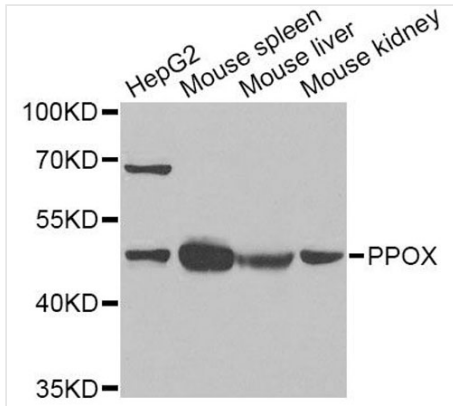
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver injury using PPOX antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using PPOX antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using PPOX Antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-PPOX antibody	This gene encodes the penultimate enzyme of heme biosynthesis, which catalyzes the 6-electron oxidation of protoporphyrinogen IX to form protoporphyrin IX. Mutations in this gene cause variegate porphyria, an autosomal dominant disorder of heme metabolism resulting from a deficiency in protoporphyrinogen oxidase, an enzyme located on the inner mitochondrial membrane. Alternatively spliced transcript variants encoding the same protein have been identified.
Product Categories/Family for anti-PPOX antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	1709742
NCBI GeneID	5498
UniProt Accession #	P50336; Q5VTW8; D3DVG0
Molecular Weight	477
NCBI Official Full Name	Protoporphyrinogen oxidase
NCBI Official Synonym Full Names	protoporphyrinogen oxidase
NCBI Official Symbol	PPOX

NCBI Official Synonym Symbols	VP; PPO; V290M
NCBI Protein Information	protoporphyrinogen oxidase
UniProt Protein Name	Protoporphyrinogen oxidase
UniProt Gene Name	PPOX
UniProt Synonym Gene Names	PPO
UniProt Entry Name	PPOX_HUMAN

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/ppox-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/37569>