

Rabbit PAOX Polyclonal Antibody | anti-PAOX antibody

PAOX antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200335	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish	Western Blot

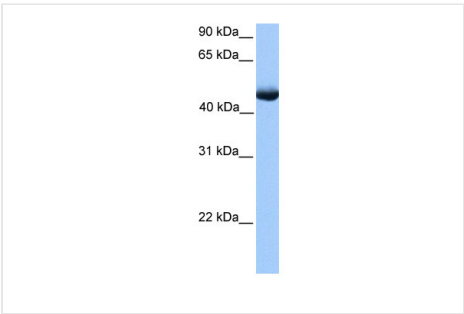
PRODUCT SYNONYMS

PAOX; Polyclonal Antibody; PAOX antibody - C-terminal region; anti-PAOX antibody

PRODUCT SPECIFICATIONS

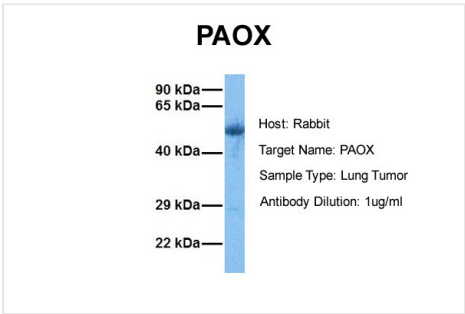
Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: VG STGGDLDLA QLPADGAGA QLQILFAGEA THRTFYSTTH GALLSGWRE
Sequence Length	511
Applicable Applications for anti-PAOX antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 93%; Rat: 100%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PAOX
Protein Size (# AA)	511 amino acids
Protein Interactions	PEX5;
Blocking Peptide	For anti-PAOX antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-PAOX Antibody Titration: 0.2-1 ug/mlPositive Control: Human Muscle



WB (Western Blot)

Host: RabbitTarget Name: PAOXSample Tissue: Human Lung TumorAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PAOX antibody	This is a rabbit polyclonal antibody against PAOX. It was validated on Western Blot using a cell lysate as a positive control. Target Description: PAOX belongs to the flavin monoamine oxidase family. PAOX is a flavoenzyme which catalyzes the oxidation of N(1)-acetylspermine to spermidine and is thus involved in the polyamine back-conversion. It can also oxidize N(1)-acetylspermidine to putrescine. PAOX does not oxidize spermidine. It plays an important role in the regulation of polyamine intracellular concentration and has the potential to act as a determinant of cellular sensitivity to the antitumor polyamine analogs.
Product Categories/Family for anti-PAOX antibody	Polyclonal; Drugs and Drug Metabolism; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	23097272
NCBI GeneID	196743
NCBI Accession #	NP_690875
NCBI GenBank Nucleotide #	NM_152911
UniProt Accession #	Q5VWY0; Q6QHF9
Molecular Weight	56kDa
NCBI Official Full Name	peroxisomal N(1)-acetyl-spermine/spermidine oxidase isoform 1
NCBI Official Synonym Full Names	polyamine oxidase
NCBI Official Symbol	PAOX
NCBI Official Synonym Symbols	PAO
NCBI Protein Information	peroxisomal N(1)-acetyl-spermine/spermidine oxidase

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.