

## Product datasheet for **TA335380**

### PAOX Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-PAOX Antibody: synthetic peptide directed towards the C terminal of human PAOX. Synthetic peptide located within the following region: VGSTGGDLLLAQPLPADGAGAQLQLFAGEATHRTFYSTTHGALLSGWRE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	56 kDa
Gene Name:	polyamine oxidase (exo-N4-amino)
Database Link:	<a href="#">NP_690875</a> <a href="#">Entrez Gene 196743 Human</a> <a href="#">Q6QHF9</a>
Background:	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.
Synonyms:	PAO

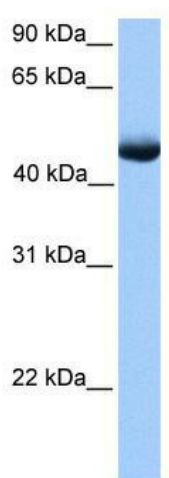


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**Note:** Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Horse: 100%; Human: 100%; Pig: 93%; Mouse: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93%; Zebrafish: 92%

**Protein Families:** Druggable Genome

**Product images:**



WB Suggested Anti-PAOX Antibody Titration: 0.2-1 ug/ml; Positive Control: Human Muscle