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Datasheet for ABIN7177741  
**anti-PAOX antibody (AA 1-504) (HRP)**

### Overview

Quantity:	100 µg
Target:	PAOX
Binding Specificity:	AA 1-504
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PAOX antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Mouse Peroxisomal N(1)-acetyl-spermine/spermidine oxidase protein (1-504AA)
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	>95%, Protein G purified

### Target Details

Target:	PAOX
Alternative Name:	Paox ( <a href="#">PAOX Products</a> )
Background:	Background: Flavoenzyme which catalyzes the oxidation of N(1)-acetylspermine to spermidine and is thus involved in the polyamine back-conversion. Can also oxidize N(1)-acetylspermidine

## Target Details

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to putrescine. Substrate specificity: N(1)-acetylspermine = N(1)-acetylspermidine > N(1),N(12)-diacetylspermine >> spermine. Does not oxidize spermidine. 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.

Aliases: Paox antibody, Pao antibody, Peroxisomal N(1)-acetyl-spermine/spermidine oxidase antibody, EC 1.5.3.13 antibody, Polyamine oxidase antibody

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UniProt: [Q8C0L6](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.