


Product datasheet

Anti-PAOX antibody ab84951

1 Image

Overview

<b>Product name</b>	Anti-PAOX antibody
<b>Description</b>	Rabbit polyclonal to PAOX
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog 
<b>Immunogen</b>	Synthetic peptide designed within residues: EVLLCLTQVL RRVTGNPRLP APKSVLRSRW HSAPYTRGSY SYVAVGSTGG, corresponding to C terminal amino acids 398-447 of Human PAOX (AAS64381.1) <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	Fetal muscle lysate

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab84951** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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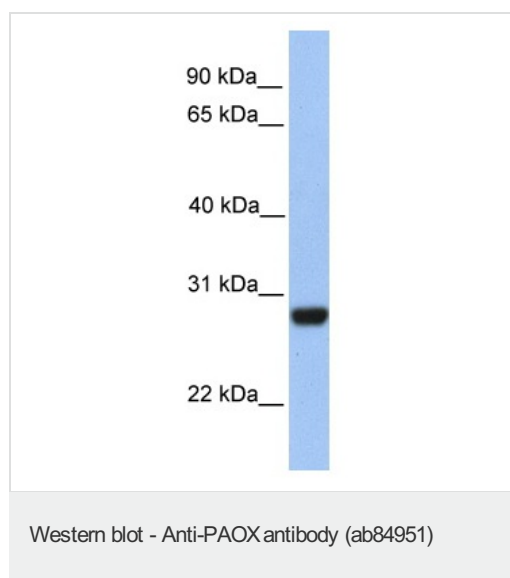
Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 56 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## Target

**Relevance** 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. It does not oxidize spermidine. PAOX 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. There are eleven named isoforms.

**Cellular localization** Peroxisome. Cytoplasm.

## Images



Anti-PAOX antibody (ab84951) at 1 µg/ml +  
Human fetal muscle lysate at 10 µg

### Secondary

HRP conjugated anti-Rabbit IgG at 1/50000  
dilution

**Predicted band size:** 56 kDa

The observed band corresponds to isoform 7  
(25kDa).

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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