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Datasheet for ABIN2785599 anti-PAOX antibody (N-Term)

2 Images



Overview

| Quantity: | 100 μL |
|----------------------|--|
| Target: | PAOX |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rat, Horse, Rabbit, Cow, Guinea Pig, Zebrafish (Danio rerio) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PAOX antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human PAOX |
|-----------------------|--|
| Sequence: | HSAFPHLRVL EATARAGGRI RSERCFGGVV EVGAHWIHGP SRGNPVFQLA |
| Predicted Reactivity: | Cow: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 93%, Zebrafish: 79% |
| Characteristics: | This is a rabbit polyclonal antibody against PAOX. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |
| Target Details | |
| Target: | PAOX |

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Target Details

| Alternative Name: | PAOX (PAOX Products) |
|-------------------|--|
| 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. P |
| | Alias Symbols: DKFZp434J245, MGC45464, PAO, RP11-122K13.11 |
| | Protein Interaction Partner: PEX5, |
| | Protein Size: 511 |
| Molecular Weight: | 56 kDa |
| Gene ID: | 196743 |
| NCBI Accession: | NM_152911, NP_690875 |

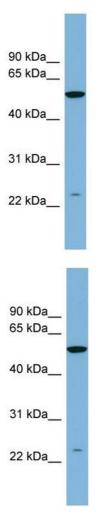
Application Details

| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
|--------------------|--|
| Comment: | Antigen size: 511 AA |
| Restrictions: | For Research Use only |

Handling

| Format: | Liquid |
|--------------------|---|
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % |
| | sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which |
| | should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | 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. |

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Western Blotting

Image 1. WB Suggested Anti-PAOX Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500

Positive Control: ACHN cell lysate

Western Blotting

Image 2. WB Suggested Anti-PAOX
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:.12500
Positive Control: ACHN cell lysate
PAOX is supported by BioGPS gene expression data to be expressed in ACHN

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