

Datasheet for ABIN2775436  
**anti-PIPOX antibody (C-Term)**



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1 Image

## Overview

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

## Product Details

|                       |                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the C terminal region of human PIPOX                                      |
| Sequence:             | FVRDHLPLDK PEPAVIESCM YTNTPEQFI LDRHPKYDNI VIGAGFSGHG                                                                           |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%            |
| Characteristics:      | This is a rabbit polyclonal antibody against PIPOX. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Affinity Purified                                                                                                               |

## Target Details

|         |       |
|---------|-------|
| Target: | PIPOX |
|---------|-------|

### Target Details

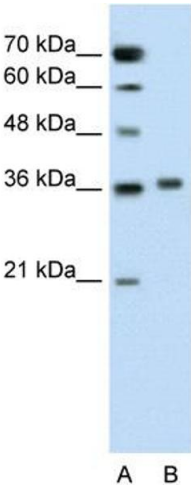
|                   |                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | PIPOX ( <a href="#">PIPOX Products</a> )                                                                                                                      |
| Background:       | PIPOX metabolizes sarcosine, L-pipecolic acid and L-proline.<br>Alias Symbols: LPIPOX<br>Protein Interaction Partner: PEX5, POT1, ODF2L,<br>Protein Size: 390 |
| Molecular Weight: | 43 kDa                                                                                                                                                        |
| Gene ID:          | 51268                                                                                                                                                         |
| NCBI Accession:   | <a href="#">NM_016518</a> , <a href="#">NP_057602</a>                                                                                                         |
| UniProt:          | <a href="#">Q9P0Z9</a>                                                                                                                                        |

### Application Details

|                    |                                                                                    |
|--------------------|------------------------------------------------------------------------------------|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 390 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. |



Western Blotting

**Image 1.** WB Suggested Anti-PIPOX Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate