

Datasheet for ABIN2786932

**anti-TRAPPC4 antibody (Middle Region)**[Go to Product page](#)**1** Image

## Overview

|                      |                                                                                 |
|----------------------|---------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                          |
| Target:              | TRAPPC4                                                                         |
| Binding Specificity: | Middle Region                                                                   |
| Reactivity:          | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio) |
| Host:                | Rabbit                                                                          |
| Clonality:           | Polyclonal                                                                      |
| Conjugate:           | This TRAPPC4 antibody is un-conjugated                                          |
| Application:         | Western Blotting (WB)                                                           |

## Product Details

|                       |                                                                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the middle region of human TRAPPC4                                          |
| Sequence:             | EKLMLASMFH SLFAIGSQLS PEQGSSGIEM LETDTFKLHC YQTLTGKIFV                                                                            |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%            |
| Characteristics:      | This is a rabbit polyclonal antibody against TRAPPC4. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Affinity Purified                                                                                                                 |

## Target Details

|         |         |
|---------|---------|
| Target: | TRAPPC4 |
|---------|---------|

## Target Details

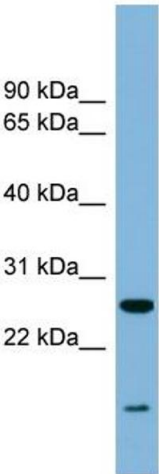
|                   |                                                                                                                                                                                                                                                                                                                                   |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | TRAPPC4 ( <a href="#">TRAPPC4 Products</a> )                                                                                                                                                                                                                                                                                      |
| Background:       | TRAPPC4 may play a role in vesicular transport from endoplasmic reticulum to Golgi.<br>Alias Symbols: CGI-104, HSPC172, PTD009, SBDN, TRS23, SYNBINDIN<br>Protein Interaction Partner: TFIP11, APP, TRAPPC3L, TRAPPC9, TRAPPC11, TRAPPC2L, TRAPPC4, TRAPPC12, TRAPPC8, UBC, TRAPPC10, TRAPPC2, PRSS23, SDC2,<br>Protein Size: 219 |
| Molecular Weight: | 24 kDa                                                                                                                                                                                                                                                                                                                            |
| Gene ID:          | 51399                                                                                                                                                                                                                                                                                                                             |
| NCBI Accession:   | <a href="#">NM_016146</a> , <a href="#">NP_057230</a>                                                                                                                                                                                                                                                                             |
| UniProt:          | <a href="#">Q9Y296</a>                                                                                                                                                                                                                                                                                                            |

## Application Details

|                    |                                                                                    |
|--------------------|------------------------------------------------------------------------------------|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 219 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-TRAPPC4 Antibody |
| Titration: 0.2-1 ug/ml        |    |    |           |                       |
| ELISA Titer: 1:312500         |    |    |           |                       |
| Positive Control: Human heart |    |    |           |                       |