

Datasheet for ABIN7435532  
**anti-PAPPA2 antibody (AA 888-1093)**

## 3 Images

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## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | PAPPA2   |
| Binding Specificity: | AA 888-1093  |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This PAPPA2 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

## Product Details

|                   |  |
|-------------------|--|
| Purpose:          | Polyclonal Antibody to Pappalysin 2 (PAPPA2)   |
| Immunogen:        | Recombinant Pappalysin 2 (PAPPA2) corresponding to Gly888~Ala1093 with N-terminal His Tag  |
| Isotype:          | IgG  |
| Specificity:      | The antibody is a rabbit polyclonal antibody raised against PAPPA2. It has been selected for its ability to recognize PAPPA2 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Rat  |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography   |

## Target Details

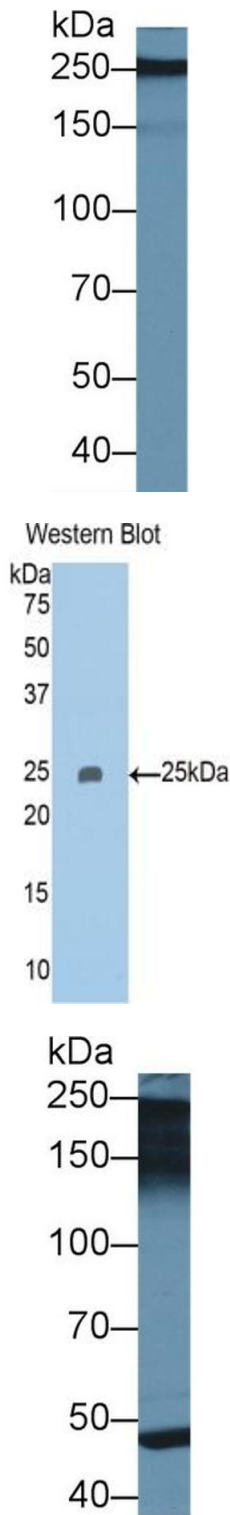
|                   |  |
|-------------------|--|
| Target:           | PAPPA2   |
| Alternative Name: | Pappalysin 2 ( <a href="#">PAPPA2 Products</a> )   |
| Background:       | PAPP-A2, PAPPE, PLAC3, Placenta-Specific 3, Pregnancy-associated plasma protein A2, Pregnancy-associated plasma protein E1 |

## Application Details

|                    |   |
|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL<br>Immunohistochemistry: 5-20 µg/mL<br>Immunocytochemistry: 5-20 µg/mL<br>Optimal working dilutions must be determined by end user.   |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only   |

## Handling

|                    |   |
|--------------------|---|
| Format:            | Liquid  |
| Buffer:            | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.   |
| Preservative:      | Sodium azide  |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.  |
| Storage:           | 4 °C, -20 °C  |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date:       | 24 months   |



**Western Blotting**

**Image 1.** Detection of PAPP2 in Human Urine using Polyclonal Antibody to Pappalysin 2 (PAPP2)

**Western Blotting**

**Image 2.** Detection of Recombinant PAPP2, Human using Polyclonal Antibody to Pappalysin 2 (PAPP2)

**Western Blotting**

**Image 3.** Detection of PAPP2 in Rat Placenta lysate using Polyclonal Antibody to Pappalysin 2 (PAPP2)