

Datasheet for ABIN2743427  
**anti-P2RX5 antibody (AA 333-422)**



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## Overview

|                      |                                                                                                                |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µg                                                                                                         |
| Target:              | P2RX5                                                                                                          |
| Binding Specificity: | AA 333-422                                                                                                     |
| Reactivity:          | Human, Rat, Mouse                                                                                              |
| Host:                | Rabbit                                                                                                         |
| Clonality:           | Polyclonal                                                                                                     |
| Conjugate:           | This P2RX5 antibody is un-conjugated                                                                           |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|               |                                                                                                                                             |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | E.coli-derived human P2X5 recombinant protein (Position: D333-T422). Human P2X5 shares 42% amino acid (aa) sequence identity with rat P2X5. |
| Isotype:      | IgG                                                                                                                                         |
| Specificity:  | Expressed at high levels in brain and immune system.                                                                                        |
| Purification: | Immunogen affinity purified                                                                                                                 |

## Target Details

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Target:           | P2RX5                                           |
| Alternative Name: | P2RX5 / P2X5 ( <a href="#">P2RX5 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                          |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Name/Gene ID: P2RX5                                                                                                                                                                      |
|             | Subfamily: P2X receptor                                                                                                                                                                  |
|             | Family: Ion Channel                                                                                                                                                                      |
|             | Synonyms: P2RX5, ATP receptor, ATP receptor subunit, LRH-1, p2X5R, p2X purinoceptor 5, p2X5 purinoceptor, Purinergic receptor, Ionotropic ATP receptor P2X5, p2RX5, p2X receptor 5, p2X5 |
| Gene ID:    | 5026                                                                                                                                                                                     |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment:           | Target Species of Antibody: Human                                  |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Lyophilized                                                                                                                                                     |
| Reconstitution:    | Distilled water                                                                                                                                                 |
| Concentration:     | Lot specific                                                                                                                                                    |
| Buffer:            | Lyophilized from 5 mg BSA, 0.9 mg sodium chloride, 0.2 mg sodium phosphate, 0.05 mg sodium azide                                                                |
| 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 freeze thaw cycles                                                                                                                                        |
| Storage:           | 4 °C,-20 °C                                                                                                                                                     |
| Storage Comment:   | At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time.Avoid freeze-thaw cycles. |