

Datasheet for ABIN2774857  
**anti-TJP1 antibody (N-Term)**



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1 Image

## Overview

|                      |                                                                                 |
|----------------------|---------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                          |
| Target:              | TJP1                                                                            |
| Binding Specificity: | N-Term                                                                          |
| Reactivity:          | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit, Horse, Zebrafish (Danio rerio) |
| Host:                | Rabbit                                                                          |
| Clonality:           | Polyclonal                                                                      |
| Conjugate:           | This TJP1 antibody is un-conjugated                                             |
| Application:         | Western Blotting (WB)                                                           |

## Product Details

|                       |                                                                                                                         |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------|
| Sequence:             | AIWEQHTVTL HRAPGFGFGI AISGGRDNPH FQSGETSIVI SDVLKGGPAE                                                                  |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100% |
| Characteristics:      | This is a rabbit polyclonal antibody against Tjp1. It was validated on Western Blot.                                    |
| Purification:         | Affinity Purified                                                                                                       |

## Target Details

|                   |                                               |
|-------------------|-----------------------------------------------|
| Target:           | TJP1                                          |
| Alternative Name: | Tjp1 ( <a href="#">TJP1 Products</a> )        |
| Background:       | The function of this protein remains unknown. |

## Target Details

|                   |                                                                                            |
|-------------------|--------------------------------------------------------------------------------------------|
|                   | Alias Symbols: ZO-1                                                                        |
|                   | Protein Interaction Partner: Gja1,                                                         |
|                   | Protein Size: 1733                                                                         |
| Molecular Weight: | 190 kDa                                                                                    |
| Gene ID:          | 292994                                                                                     |
| NCBI Accession:   | <a href="#">NM_001106266</a> , <a href="#">NP_001099736</a>                                |
| Pathways:         | <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Cell-Cell Junction Organization</a> |

## Application Details

|                    |                                                                                    |
|--------------------|------------------------------------------------------------------------------------|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 1733 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-Tjp1 Antibody Titration: 1.0 ug/ml Positive Control: Rat Lung