

Datasheet for ABIN6796376  
**anti-TLN2 antibody (AA 2300-2542)**



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## Overview

|                      |                                                                                                                                                                      |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 0.2 mg                                                                                                                                                               |
| Target:              | TLN2                                                                                                                                                                 |
| Binding Specificity: | AA 2300-2542                                                                                                                                                         |
| Reactivity:          | Human                                                                                                                                                                |
| Host:                | Mouse                                                                                                                                                                |
| Clonality:           | Monoclonal                                                                                                                                                           |
| Conjugate:           | This TLN2 antibody is un-conjugated                                                                                                                                  |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF) |

## Product Details

|               |                                                                                                                                                                                                                                                                                   |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:    | Recombinant Mouse talin-2 (aa2300-2542).<br><br>Type of Immunogen: Recombinant protein                                                                                                                                                                                            |
| Clone:        | 53-8                                                                                                                                                                                                                                                                              |
| Isotype:      | IgG2b                                                                                                                                                                                                                                                                             |
| Specificity:  | Recognizes Talin-2, a high molecular weight skeletal protein involved in focal adhesion plaques. It plays a role in linking integrin to the actin cytoskeleton. It interacts with phosphatidylinositol-4-phosphate 5-kinase type I gamma (PIP5K1C), inducing its kinase activity. |
| Purification: | Protein G purified                                                                                                                                                                                                                                                                |

## Target Details

|                   |                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------|
| Target:           | TLN2                                                                                              |
| Alternative Name: | Talin 2 / TLN2 ( <a href="#">TLN2 Products</a> )                                                  |
| Background:       | Name/Gene ID: TLN2<br><br>Synonyms: TLN2, KIAA0320, Talin 2, Talin-2, ILWEQ                       |
| Gene ID:          | 83660                                                                                             |
| UniProt:          | <a href="#">Q9Y4G6</a>                                                                            |
| Pathways:         | <a href="#">Cell-Cell Junction Organization</a> , <a href="#">Maintenance of Protein Location</a> |

## Application Details

|                    |                                                 |
|--------------------|-------------------------------------------------|
| Application Notes: | Approved: IF, IHC, IHC-P (1:25 - 1:100), IP, WB |
| Comment:           | Target Species of Antibody: Human               |
| Restrictions:      | For Research Use only                           |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | Lot specific                                                                                                           |
| Buffer:            | PBS, 0.09 % 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 repeated freezing and thawing.                                                                                   |
| Storage:           | 4 °C,-20 °C                                                                                                            |
| Storage Comment:   | 4°C or -20°C, Avoid freeze-thaw cycles.                                                                                |