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## Datasheet for ABIN1402573 **anti-TSPAN4 antibody (Biotin)**

### Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µL   |
| Target:      | TSPAN4   |
| Reactivity:  | Human, Mouse, Rat  |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This TSPAN4 antibody is conjugated to Biotin                                       |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | KLH conjugated synthetic peptide derived from human TSPAN4 |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human, Mouse, Rat  |
| Purification:     | Purified by Protein A.                                     |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | TSPAN4  |
| Alternative Name: | TSPAN4 ( <a href="#">TSPAN4 Products</a> )  |
| Background:       | <p>Synonyms: AG 2, NAG-2, NAG2, Novel antigen 2, Tetraspan, Tetraspan TM4SF, Tetraspanin 4, Tetraspanin-4, Tetraspanin4, TM4SF7, TM4SF 7, TM4SF-7, Transmembrane 4 superfamily member 7, TSN4_HUMAN, TSPAN 4, Tspan-4, TSPAN4.</p> <p>Background: The protein encoded by this gene is a member of the transmembrane 4</p> |

## Target Details

superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein and is similar in sequence to its family member CD53 antigen. It is known to complex with integrins and other transmembrane 4 superfamily proteins. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008].

Gene ID: 7106

## Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months