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Datasheet for ABIN2855117  
**anti-TSTA3 antibody (C-Term)**

1 Image

### Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 100 µL                               |
| Target:              | TSTA3                                |
| Binding Specificity: | C-Term                               |
| Reactivity:          | Human                                |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This TSTA3 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                |

### Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Recombinant protein encompassing a sequence within the C-terminus region of human TSTA3.<br>The exact sequence is proprietary. |
| Isotype:          | IgG  |
| Cross-Reactivity: | Hamster, Human   |
| Characteristics:  | Rabbit polyclonal antibody to TSTA3 (tissue specific transplantation antigen P35B)<br>TSTA3 antibody [C1C3]                    |
| Purification:     | Purified by antigen-affinity chromatography.   |

### Target Details

|         |       |
|---------|-------|
| Target: | TSTA3 |
|---------|-------|

## Target Details

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|                   |  |
|-------------------|--|
| Alternative Name: | tissue specific transplantation antigen P35B ( <a href="#">TSTA3 Products</a> )  |
| Background:       | Tissue specific transplantation antigen P35B is a NADP(H)-binding protein. It catalyze the two-step epimerase and the reductase reactions in GDP-D-mannose metabolism, converting GDP-4-keto-6-D-deoxymannose to GDP-L-fucose. GDP-L-fucose is the substrate of several fucosyltransferases involved in the expression of many glycoconjugates, including blood group ABH antigens and developmental adhesion antigens. Mutations in this gene may cause leukocyte adhesion deficiency, type II. |
| Molecular Weight: | 36 kDa   |
| Gene ID:          | 7264   |
| UniProt:          | <a href="#">Q13630</a>   |

## Application Details

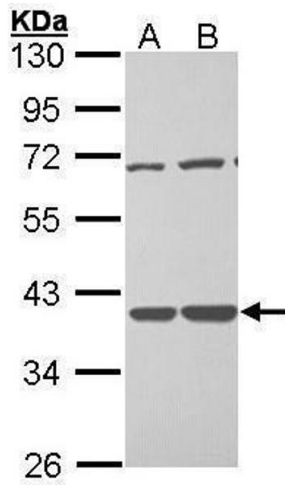
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|                    |   |
|--------------------|---|
| Application Notes: | WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.<br>Not tested in other applications. |
| Comment:           | Positive Control: H1299 , HeLa  |
| Restrictions:      | For Research Use only   |

## Handling

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|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 mg/mL  |
| Buffer:            | 0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal  |
| Preservative:      | Thimerosal (Merthiolate)   |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.   |
| Storage:           | 4 °C,-20 °C  |
| Storage Comment:   | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |



### Western Blotting

**Image 1.** WB Image Sample (30 ug of whole cell lysate) A:  
H1299 B: Hela 10% SDS PAGE antibody diluted at 1:1000