

## Rabbit anti-Human, Mouse TSTA3 Polyclonal Antibody | anti-TSTA3 antibody

TSTA3 Polyclonal Antibody

|                               |                       |                                   |                                                    |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA176718</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|

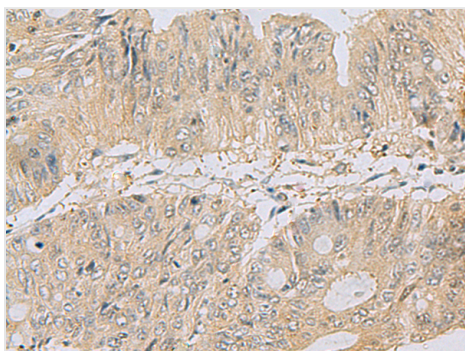
### PRODUCT SYNONYMS

TSTA3; Polyclonal Antibody; TSTA3 Polyclonal Antibody; 3 5 epimerase/4 reductase; 5-epimerase-4-reductase; Anti TSTA3; EC 1.1.1.271; FCL; FX; GDP 4 keto 6 deoxy D mannose 3 5 epimerase 4 reductase; GDP 4 keto 6 deoxy D mannose epimerase reductase; GDP L fucose synthase; GDP-4-keto-6-deoxy-D-mannose-3; GDP-L-fucose synthase; P35B; Protein FX; Red cell NADP(H) binding protein; Red cell NADP(H)-binding protein; SDR4E1; Short chain dehydrogenase/reductase family 4E member 1; Short-chain dehydrogenase/reductase family 4E member 1; Tissue specific transplantation antigen 3; Tissue specific transplantation antigen P35B; anti-TSTA3 antibody

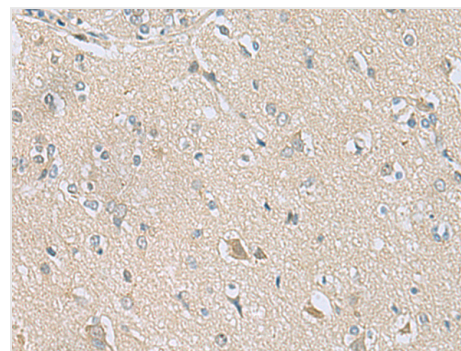
### PRODUCT SPECIFICATIONS

|                                                 |                                                         |
|-------------------------------------------------|---------------------------------------------------------|
| Host                                            | Rabbit                                                  |
| Reactivity                                      | Human, Mouse                                            |
| Clonality                                       | Polyclonal                                              |
| Isotype                                         | IgG                                                     |
| Purity/Purification                             | Antigen Affinity Purification                           |
| Form/Format                                     | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |
| Concentration                                   | 1.44mg/mL (varies by lot)                               |
| Sequence Length                                 | 321                                                     |
| Applicable Applications for anti-TSTA3 antibody | ELISA, IHC (Immunohistochemistry)                       |
| Immunogen                                       | Fusion protein of human TSTA3                           |
| Conjugation                                     | Unconjugated                                            |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.        |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TSTA3 Polyclonal Antibody at dilution of 1:80(×200)


**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human brain tissue using TSTA3 Polyclonal Antibody at dilution of 1:80(×200)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-TSTA3 antibody | 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. |
| Product Categories/Family for anti-TSTA3 antibody   | Metabolism; Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| NCBI GI #                        | 4507709                                      |
| NCBI GeneID                      | 7264                                         |
| NCBI Accession #                 | NP_003304.1; BC001941                        |
| NCBI GenBank Nucleotide #        | NP_003304.1                                  |
| UniProt Accession #              | Q13630                                       |
| NCBI Official Full Name          | GDP-L-fucose synthase isoform 2              |
| NCBI Official Synonym Full Names | tissue specific transplantation antigen P35B |
| NCBI Official Symbol             | TSTA3                                        |
| NCBI Official Synonym Symbols    | FX; P35B; SDR4E1                             |
| NCBI Protein Information         | GDP-L-fucose synthase                        |
| UniProt Protein Name             | GDP-L-fucose synthase                        |
| UniProt Gene Name                | TSTA3                                        |
| UniProt Synonym Gene Names       | SDR4E1                                       |
| UniProt Entry Name               | FCL_HUMAN                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tsta3-antibody-immunohistochemistry-elisa/176718>