

## TSTA3 Antibody

Catalog No: #34703

Package Size: #34703-1 50ul #34703-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

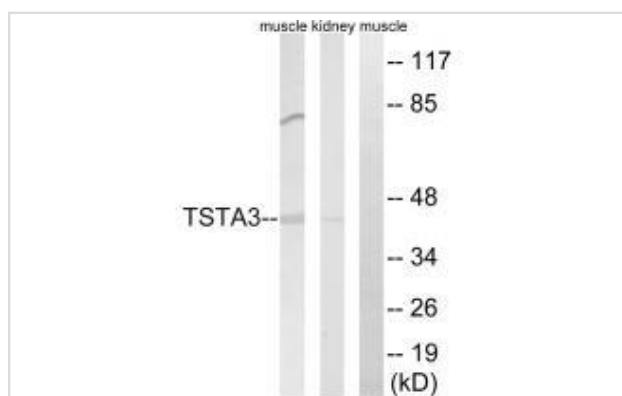
## Description

|                       |                                                                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | TSTA3 Antibody                                                                                                                                     |
| Host Species          | Rabbit                                                                                                                                             |
| Clonality             | Polyclonal                                                                                                                                         |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Applications          | WB                                                                                                                                                 |
| Species Reactivity    | Hu Rt                                                                                                                                              |
| Specificity           | The antibody detects endogenous levels of total TSTA3 protein.                                                                                     |
| Immunogen Type        | Peptide                                                                                                                                            |
| Immunogen Description | Synthesized peptide derived from internal of human TSTA3.                                                                                          |
| Target Name           | TSTA3                                                                                                                                              |
| Other Names           | GDP-L-fucose synthetase; EC 1.1.1.271; Protein FX; Red cell NADP(H)-binding protein;<br>GDP-4-keto-6-deoxy-D-mannose-3                             |
| Accession No.         | Swiss-Prot: Q13630NCBI Gene ID: 7264                                                                                                               |
| Uniprot               | Q13630                                                                                                                                             |
| GeneID                | 7264;                                                                                                                                              |
| SDS-PAGE MW           | 40kd                                                                                                                                               |
| Concentration         | 1.0mg/ml                                                                                                                                           |
| Formulation           | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage               | Store at -20°C                                                                                                                                     |

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from rat kidney cells and rat muscle cells, using TSTA3 antibody #34703.

## Background

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Catalyzes the two-step NADP-dependent conversion of GDP-4-dehydro-6-deoxy-D-mannose to GDP-fucose, involving an epimerase and a reductase reaction.

Tonetti M., J. Biol. Chem. 271:27274-27279(1996).

Ota T., Nat. Genet. 36:40-45(2004).

Mural R.J., Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

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Note: This product is for in vitro research use only