

## Product datasheet for **TA344243**

### GFUS Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TSTA3 antibody: synthetic peptide directed towards the N terminal of human TSTA3. Synthetic peptide located within the following region: MGEPQGSMRILVTGGSLVGKAIQKVVADGAGLPGEDWVSVSSKDADLTD
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	35 kDa
Gene Name:	tissue specific transplantation antigen P35B
Database Link:	<a href="#">NP_003304</a> <a href="#">Entrez Gene 7264 Human</a> <a href="#">Q13630</a>



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**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. 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.

**Synonyms:**

FX; P35B; SDR4E1

**Note:**

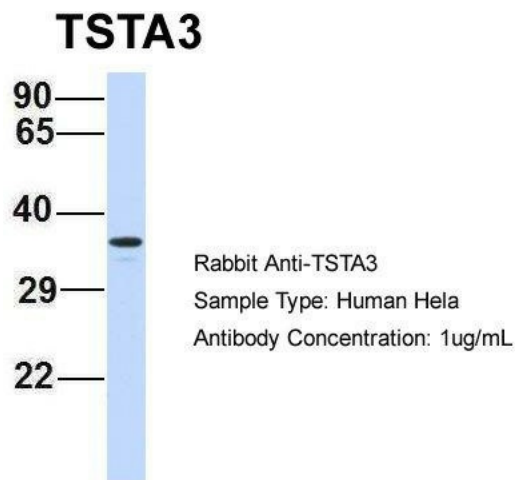
Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Guinea pig: 100%; Horse: 93%; Bovine: 86%

**Protein Families:**

Druggable Genome

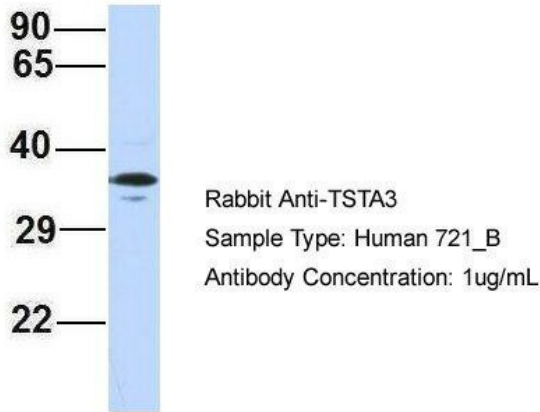
**Protein Pathways:**

Amino sugar and nucleotide sugar metabolism, Fructose and mannose metabolism, Metabolic pathways

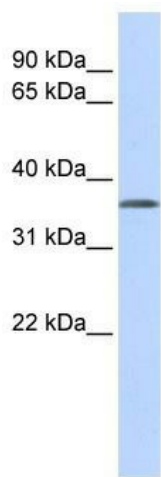
**Product images:**

Host: Rabbit; Target Name: TSTA3; Sample Tissue: HeLa; Antibody Dilution: 1.0 ug/ml; TSTA3 is strongly supported by BioGPS gene expression data to be expressed in HeLa

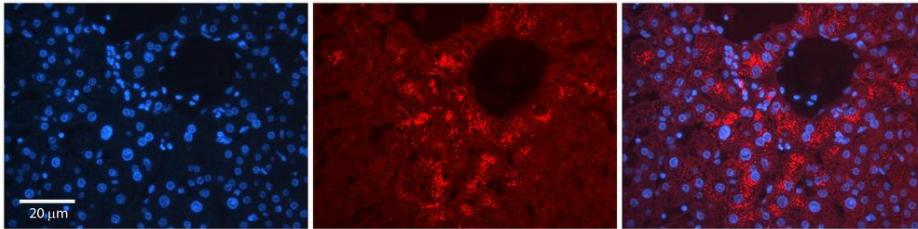
# TSTA3



Host: Rabbit; Target Name: TSTA3; Sample Tissue: 721\_B; Antibody Dilution: 1.0 ug/ml; TSTA3 is strongly supported by BioGPS gene expression data to be expressed in Human 721\_B cells



WB Suggested Anti-TSTA3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: MCF7 cell lysate TSTA3 is supported by BioGPS gene expression data to be expressed in MCF7



Rabbit Anti-TSTA3 Antibody; Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver; Observed Staining: Cytoplasm in hepatocytes, strong signal, low tissue distribution; Primary Antibody Concentration: 1:100; Secondary Antibody: Donkey anti-Rabbit-Cy3;