

TSTA3 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50750**Specification**

TSTA3 Antibody - Product Information

Application	WB
Primary Accession	Q13630
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36 KDa
Antigen Region	232-260

TSTA3 Antibody - Additional Information**Gene ID** 7264**Other Names**

GDP-L-fucose synthase, GDP-4-keto-6-deoxy-D-mannose-3, 5-epimerase-4-reductase, Protein FX, Red cell NADP(H)-binding protein, Short-chain dehydrogenase/reductase family 4E member 1, TSTA3, SDR4E1

Dilution

WB~~1:1000

Format

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions

-20°C

TSTA3 Antibody - Protein Information**Name** GFUS ([HGNC:12390](#))**Synonyms** SDR4E1, TSTA3**Function**

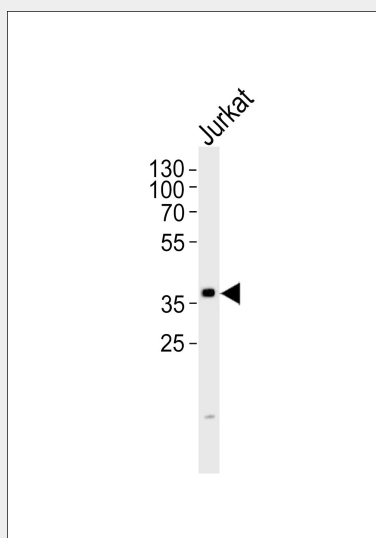
Catalyzes the two-step NADP-dependent conversion of GDP-4- dehydro-6-deoxy-D-mannose to GDP-fucose, involving an epimerase and a reductase reaction.

TSTA3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TSTA3 Antibody - Images



Western blot analysis of lysate from Jurkat cell line, using TSTA3 Antibody (AP50750). AP50750 was diluted at 1:1000. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

TSTA3 Antibody - Background

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.

TSTA3 Antibody - References

Tonetti M., et al. J. Biol. Chem. 271:27274-27279 (1996).
Ota T., et al. Nat. Genet. 36:40-45 (2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Camardella L., et al. Blood 85:264-267 (1995).
Burkard T.R., et al. BMC Syst. Biol. 5:17-17 (2011).