

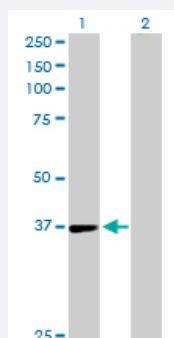
MaxPab®

TSTA3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007264-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of TSTA3 expression in transfected 293T cell line ([H00007264-T02](#)) by TSTA3 MaxPab polyclonal antibody.

Lane 1: TSTA3 transfected lysate(35.90 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human TSTA3 protein.

Immunogen

TSTA3 (NP_003304.1, 1 a.a. ~ 321 a.a) full-length human protein.

Sequence

MGEPQGSMRILVTGGSLVGKAIQKVADGAGLPGEDWVFVSSKDADLTDTAQTRALFEKVQPT
HVIHLAAMVGGLFRNIKYNLDFWRKNVHMNDNLHSAFEVGARKVVSCLSTCIFPDKTTYPIDETMI
HNGPPHNSNFGYSYAKRMIDVQNRAYFQQYGCTFTAVIPTNVFGPHDNFNIEDGHVLPGLIHKVHL
AKSSGSALT VWGTGNPRRQFYSLDLAQLFWVLREYNEVEPIILSVGEEDEVSIKEAAEAVVEAM
DFHGEVTFD TTKSDGQFKKTASNSKLRTYLPDFRFTPFKQAVKETCAWFTDNYEQARK

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — TSTA3

Entrez GeneID [7264](#)

GeneBank Accession# [NM_003313.2](#)

Protein Accession# [NP_003304.1](#)

Gene Name TSTA3

Gene Alias FX, P35B, SDR4E1

Gene Description tissue specific transplantation antigen P35B

Omim ID [137020](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations 3-5 epimerase/4-reductase[GDP-4-keto-6-deoxy-D-mannose epimerase-reductase]Tissue-specific transplantation antigen-3[short chain dehydrogenase/reductase family 4E, member 1]tissue specific transplantation antigen 3

Pathway

- [Amino sugar and nucleotide sugar metabolism](#)

- [Fructose and mannose metabolism](#)
- [Metabolic pathways](#)