

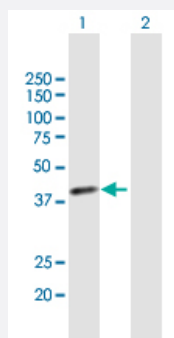
MaxPab®

TSTA3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007264-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of TSTA3 expression in transfected 293T cell line ([H00007264-T01](#)) by TSTA3 MaxPab polyclonal antibody.

Lane 1: TSTA3 transfected lysate(35.31 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse 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	MGEPQGSMRILVTGGSLVGKAIQKVADGAGLPGEDWVVFSSKDADLTDTAQTRALFEKVQPT HVIHLAAMVGGGLFRNIKYNLDFWRKNVHMNDNVLHSAFEVGARKVVSCLSTCIFPDKTTYPIDETMI HNGPPHNSNFGYSYAKRMIDVQNRAYFQQYGCTFTAVIPTNVFGPHDNFNIEDGHVLPGLIHKVHL AKSSGSALT VWGTGNPRRQFIYSLDLAQLFIWVLREYNEVEPIILSVGEEDEVSIKAAEAVVEAM DFHGEVTFD TTKSDGQFKKTASNSKLRTYLPDFRFTPFKQAVKETCAWFTDNYEQARK
Host	Mouse
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](#)