

FX Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03391
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human TSTA3. AA range:221-270
Mol wt	35893
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	FX Antibody
Synonyms	TSTA3; SDR4E1; 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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 TSTA3 (tissue specific transplantation antigen P35B) may cause leukocyte adhesion deficiency, type II.

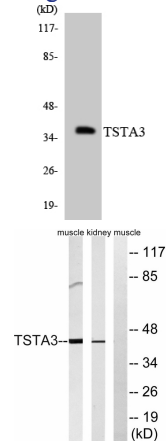
Recommended Dilution

WB: 1: 500 - 1: 2000

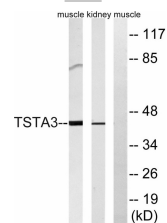
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of the lysates from COLO205 cells using TSTA3 antibody.



Western blot analysis of lysates from rat kidney and rat muscle cells, using TSTA3 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com