

Datasheet for ABIN2787788  
**anti-TSTA3 antibody (N-Term)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	TSTA3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Dog, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TSTA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TSTA3
Sequence:	MGEPQGSMRI LVTGGSGLVG KAIQKVVDG AGLPGEDWVF VSSKDADLTD
Predicted Reactivity:	Cow: 86%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TSTA3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	TSTA3
---------	-------

## Target Details

Alternative Name:	TSTA3 ( <a href="#">TSTA3 Products</a> )
Background:	<p>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.</p> <p>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.</p> <p>Alias Symbols: FX, P35B, SDR4E1</p> <p>Protein Interaction Partner: UBC, COASY, EFHD2, PPME1, GLRX3, GMPS, RCN1, RBBP7, BAG3, RIOK2, ID2, DNAJC9, DSTN, NEDD4,</p> <p>Protein Size: 321</p>
Molecular Weight:	35 kDa
Gene ID:	7264
NCBI Accession:	<a href="#">NM_003313</a> , <a href="#">NP_003304</a>
UniProt:	<a href="#">Q13630</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 321 AA
Restrictions:	For Research Use only

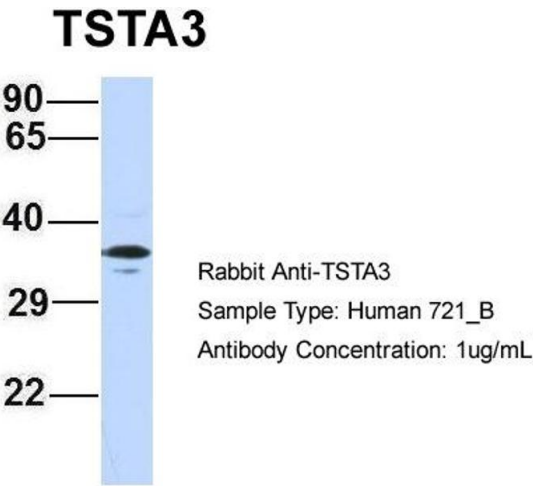
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

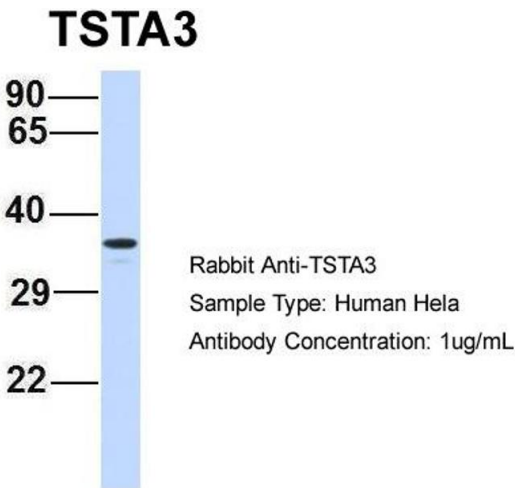
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



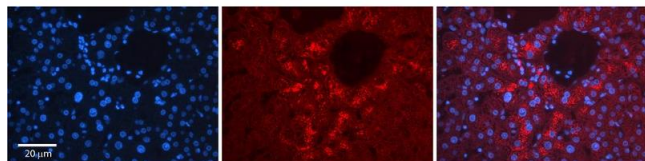
Western Blotting

**Image 1.** Host: Rabbit Target Name: TSTA3 Sample Type: 721\_B Antibody Dilution: 1.0ug/ml TSTA3 is strongly supported by BioGPS gene expression data to be expressed in Human 721\_B cells



Western Blotting

**Image 2.** Host: Rabbit Target Name: TSTA3 Sample Type: HeLa Antibody Dilution: 1.0ug/ml TSTA3 is strongly supported by BioGPS gene expression data to be expressed in HeLa



#### Immunohistochemistry

**Image 3.** Rabbit Anti-TSTA3 Antibody Catalog Number: ARP58679\_P050 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 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 – 2.0 sec Protocol located in Reviews and Data.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2787788.