

Rabbit TSTA3 Polyclonal Antibody | anti-TSTA3 antibody

TSTA3 antibody - N-terminal region

CATALOG # AAA200843	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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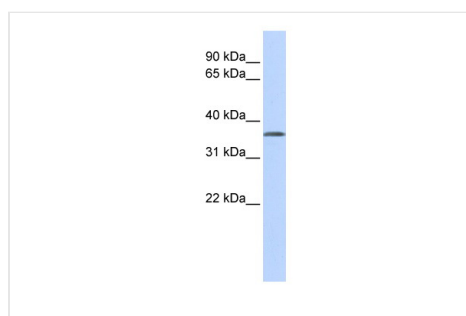
PRODUCT SYNONYMS

TSTA3; Polyclonal Antibody; TSTA3 antibody - N-terminal region; anti-TSTA3 antibody

PRODUCT SPECIFICATIONS

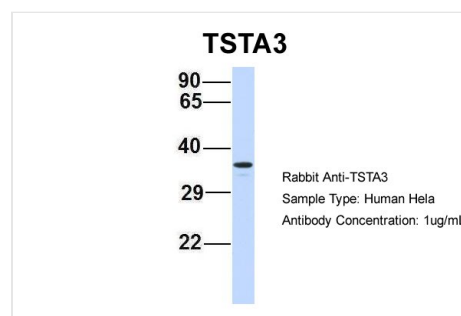
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MG EPQGS MRILV TGGSG LVGKA IQKVVADGAG LPGEDWVFVS SKDADLTD
Sequence Length	321
Applicable Applications for anti-TSTA3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 86%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TSTA3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



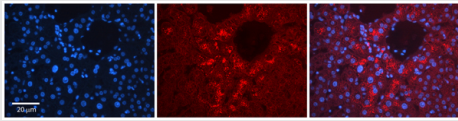
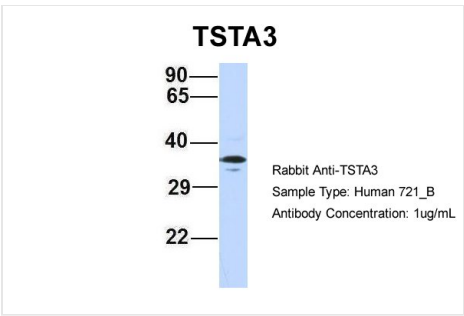
WB (Western Blot)

WB Suggested Anti-TSTA3 Antibody Titration: 0.2-1 ug/mL
 ELISA Titer: 1:312500
 Positive Control: MCF7 cell lysate
 TSTA3 is supported by BioGPS gene expression data to be expressed in MCF7



WB (Western Blot)

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



IHC (Immunohistochemistry)
Rabbit Anti-TSTA3 AntibodyFormalin Fixed Paraffin Embedded Tissue: Human Adult LiverObserved Staining: Cytoplasm in hepatocytes, strong signal, low tissue distributionPrimary Antibody Concentration: 1:100Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 secProtocol located in Reviews and Data.

WB (Western Blot)
Host: RabbitTarget Name: TSTA3Sample Type: 721_BAntibody Dilution: 1.0ug/mlTSTA3 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells

ADDITIONAL INFORMATION

Related Product Information for anti-TSTA3 antibody	This is a rabbit polyclonal antibody against TSTA3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.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.
Product Categories/Family for anti-TSTA3 antibody	Polyclonal; Cell Adhesion; Drugs and Drug Metabolism; Developmental Biology; Disease Related; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507709
NCBI GeneID	7264
NCBI Accession #	NP_003304
NCBI GenBank Nucleotide #	NM_003313
UniProt Accession #	Q13630
Molecular Weight	35kDa
NCBI Official Full Name	GDP-L-fucose synthase isoform 2
NCBI Official Synonym Full Names	tissue specific transplantation antigen P35B
NCBI Official Symbol	TSTA3
NCBI Official Synonym Symbols	FX; P35B; SDR4E1
NCBI Protein Information	GDP-L-fucose synthase
UniProt Protein Name	GDP-L-fucose synthase
UniProt Gene Name	TSTA3
UniProt Synonym Gene Names	SDR4E1
UniProt Entry Name	FCL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tsta3-antibody-western-blot-immunohistochemistry-elisa/200843>