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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58679_P050-Biotin
Product Page	www.avivasysbio.com/tsta3-antibody-n-terminal-region-biotin-arp58679-p050-biotin.html
Name	TSTA3 Antibody - N-terminal region : Biotin (ARP58679_P050-Biotin)
Protein Size (# AA)	321 amino acids
Molecular Weight	35kDa
Conjugation	Biotin
NCBI Gene Id	7264
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Tissue specific transplantation antigen P35B
Alias Symbols	FX, P35B, TSTA3, SDR4E1
Peptide Sequence	Synthetic peptide located within the following region: MGEPQGS MRILV TGG SGLV GKAIQKV VADGAGLPGEDWV FVSSKDADLTD
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Roos,C., (2002) J. Biol. Chem. 277 (5), 3168-3175
Description of Target	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.
Protein Interactions	UBC; COASY; EFHD2; PPME1; GLRX3; GMPS; RCN1; RBBP7; BAG3; RIOK2; ID2; DNAJC9; DSTN; NEDD4;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-TSTA3 (ARP58679_P050-Biotin) antibody
Blocking Peptide	For anti-TSTA3 (ARP58679_P050-Biotin) antibody is Catalog # AAP58679 (Previous Catalog # AAPP35926)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TSTA3
Uniprot ID	Q13630
Protein Name	GDP-L-fucose synthase
Sample Type Confirmation	TSTA3 is strongly supported by BioGPS gene expression data to be expressed in 721_B, HeLa TSTA3 is supported by BioGPS gene expression data to be expressed in MCF7
Protein Accession #	NP_003304
Purification	Affinity Purified
Nucleotide Accession #	NM_003313

Gene Symbol	TSTA3
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	IHC, WB
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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