

Product Datasheet

Triosephosphate isomerase Antibody NB300-994

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 2

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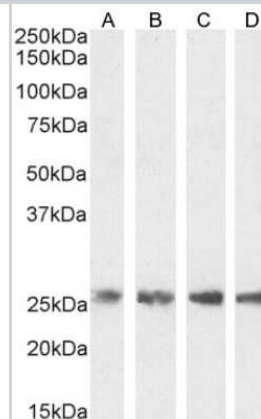


NB300-994**Triosephosphate isomerase Antibody**

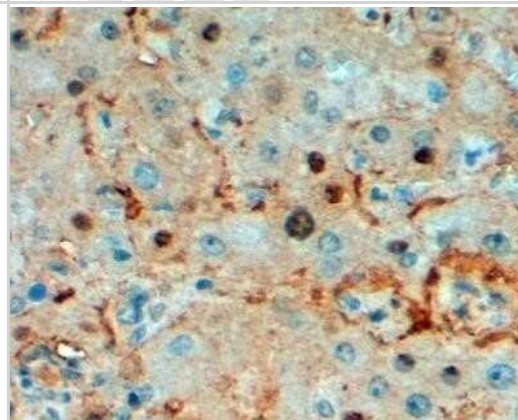
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	26.7 kDa
Product Description	
Description	Novus Biologicals Goat Triosephosphate isomerase Antibody (NB300-994) is a polyclonal antibody validated for use in IHC, WB, ELISA and Flow. Anti-Triosephosphate isomerase Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	7167
Gene Symbol	TPI1
Species	Human, Mouse, Rat, Canine
Specificity/Sensitivity	This antibody is expected to recognise reported isoforms 1, 2 and 3 (NP_000356.1; NP_001152759.1, NP_001244955.1)
Immunogen	Peptide with sequence C-LKPEFVDIINAKQ corresponding to C-Terminus according to NP_000356.1; NP_001152759.1; NP_001244955.1.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.001 - 0.01 ug/mL, Flow Cytometry 10 ug/ml, Immunohistochemistry 2 - 4 ug/mL, Immunohistochemistry-Paraffin 5 ug/mL, Peptide ELISA Detection limit 1:16000
Application Notes	Approx 26 kDa band observed in HEK293, HeLa, HepG2, Jurkat, Raw264.7. KNRK and MDCK lysates (calculated MW of 26.7kDa according to NP_000356.1).

Images

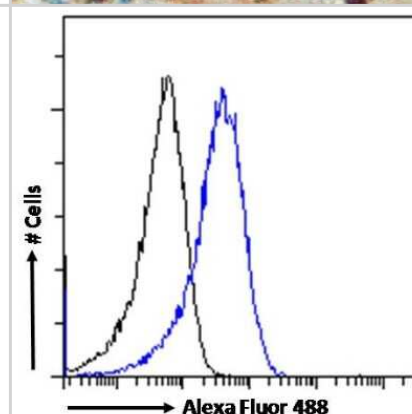
Western Blot: Triosephosphate isomerase Antibody [NB300-994] - Staining (0.001ug/ml) of HepG2 (A), HEK293 (B), HeLa (C) and Jurkat (D) cell lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



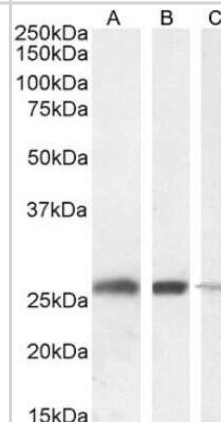
Immunohistochemistry-Paraffin: Triosephosphate isomerase Antibody [NB300-994] - Staining of paraffin embedded Human Liver. Antibody at 2 ug/mL. Steamed antigen retrieval with Tris/EDTA buffer pH 9, HRP-staining.



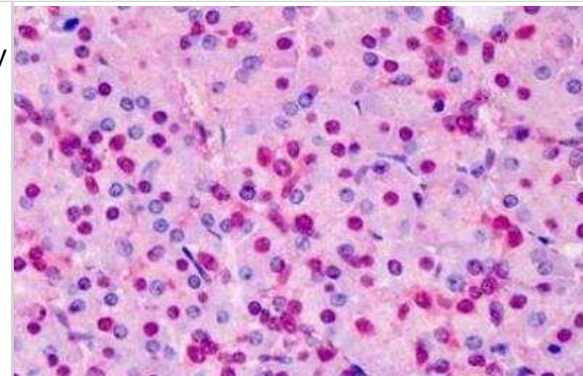
Flow Cytometry: Triosephosphate isomerase Antibody [NB300-994] - Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Western Blot: Triosephosphate isomerase Antibody [NB300-994] - Staining (0.001ug/ml) of RAW264.7 (A), KNRK (B) and MDCK (C) cell lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry-Paraffin: Triosephosphate isomerase Antibody [NB300-994] - Staining of paraffin embedded Human Pancreas. Antibody at 5 ug/mL. Steamed antigen retrieval with Tris/EDTA buffer pH 9, AP-staining.



Publications

Jiang PZ, Gan M, Huang H et al. Proteomics-based Identification of Proteins with Altered Expression Induced by 12-O-Tetradecanoylphorbol 13-acetate in Nasopharyngeal Carcinoma CNE2 Cells. Acta Biochim Biophys Sin (Shanghai) 2005-02-01 [PMID: 15685366]

Govekar RB, D'Cruz AK, Alok Pathak K et al. Proteomic profiling of cancer of the gingivo-buccal complex: Identification of new differentially expressed markers. Proteomics Clin Appl. 2009-12-01 [PMID: 21136964] (WB, Human)

Details:

Triosephosphate Isomerase (IMG-3793). WB: Human gingivo squamous complex tissue and normal tissue, Fig 1.



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB300-994

NBL1-17217	Triosephosphate isomerase Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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