

Product Datasheet

KAT4/TBP Associated Factor 1 Antibody - BSA Free NBP1-77847

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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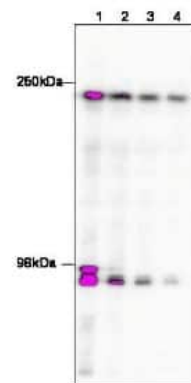
NBP1-77847**KAT4/TBP Associated Factor 1 Antibody - BSA Free**

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This affinity purified antibody is directed against human KAT4/TBP Associated Factor 1 protein. The product was affinity purified from monospecific antiserum by immunoaffinity chromatography</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	6872
Gene Symbol	TAF1
Species	Human, Mouse
Reactivity Notes	A BLAST analysis was used to suggest cross-reactivity with KAT4/TBP Associated Factor 1 protein from human, mouse and rat based on 100% homology with the immunizing sequence. Reactivity against homologues from other sources is not known.
Immunogen	This affinity purified KAT4/TBP Associated Factor 1 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids near the carboxyl terminus of human KAT4/TBP Associated Factor 1. (Uniprot: P21675)
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:150000-1:300000, Immunohistochemistry 10ug/ml, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin 10 ug/ml, Chromatin Immunoprecipitation (ChIP) 1:10-1:500
Application Notes	This affinity purified antibody has been tested for use in ELISA, Immunohistochemistry, ChIP, and western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 213 kDa in size corresponding to TAF1 protein by western blotting in the appropriate cell lysate or extract.

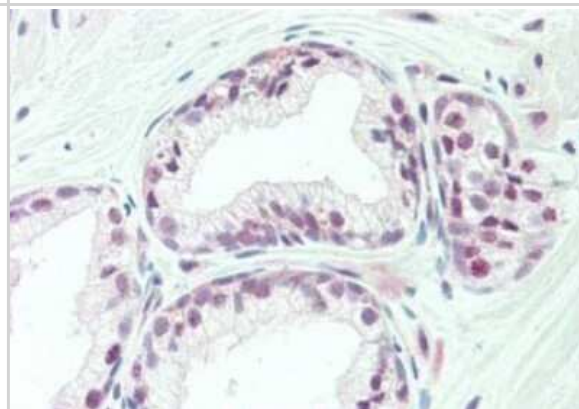


Images

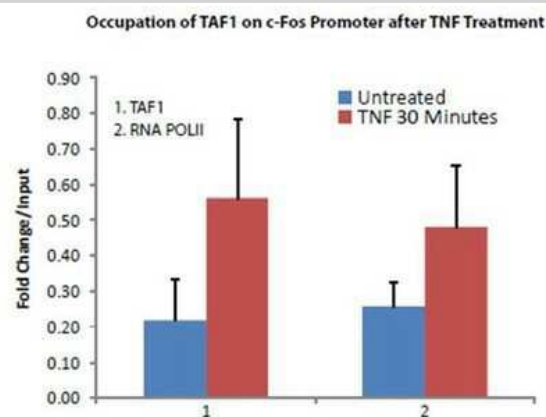
Western Blot: KAT4/TBP Associated Factor 1 Antibody [NBP1-77847] - HeLa nuclear extract (arrowhead). The membrane was probed with the primary antibody at dilutions of 1:100 (lane 1), 1:250 (lane 2), 1: 500 (Lane 3 and 1:1,000 (Lane 4). The identity of the bands at ~95 kDa is unknown, but may be degraded TAF1. Personal Communication, Anne Geggone, CCR-NCI, Bethesda, MD.



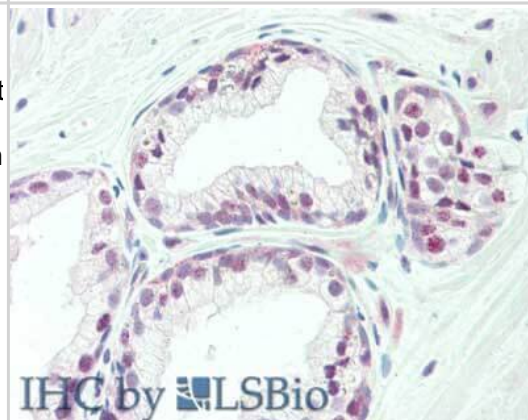
Immunohistochemistry: KAT4/TBP Associated Factor 1 Antibody [NBP1-77847] - Tissue: prostate. Fixation: formalin fixed paraffin embedded. Primary antibody: Anti-TAF1 at 10 ug/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: TAF-1 as precipitated red signal with hematoxylin purple nuclear counterstain.



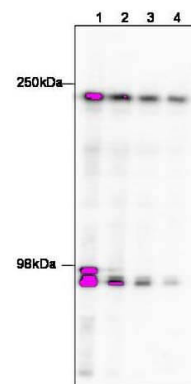
Chromatin Immunoprecipitation: KAT4/TBP Associated Factor 1 Antibody [NBP1-77847] - Chromatin Immunoprecipitation: KAT4/TBP Associated Factor 1 Antibody [NBP1-77847] Transcription Initiation Factor TFIID Subunit 1 (TAF1) antibody was used to detect TAF1 in treated and untreated HeLa Cells. HeLa cells were treated with TNF alpha and Chromatin was prepared by Chip Kit. CHIP was performed on fos promoters using 5 ug of TAF1 antibody and an RNA PolII antibody.



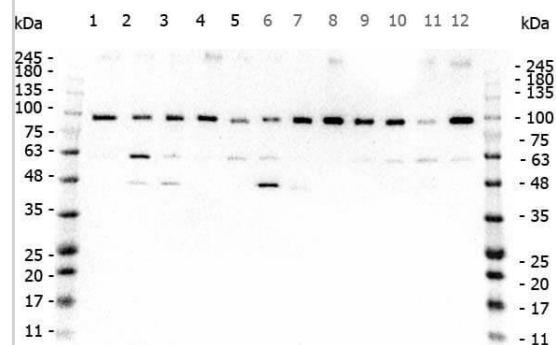
Immunohistochemistry of KAT4/TBP Associated Factor 1 Antibody. Tissue: prostate. Fixation: formalin fixed paraffin embedded. Antigen retrieval: not required. Primary antibody: Anti-TAF1 at 10 ug/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: TAF-1 as precipitated red signal with hematoxylin purple nuclear counterstain.



Western blot using affinity purified anti-TAF1 to detect TAF1 in HeLa nuclear extract (arrowhead). The membrane was probed with the primary antibody at dilutions of 1:100 (lane 1), 1:250 (lane 2), 1: 500 (Lane 3 and 1:1,000 (Lane 4). The identity of the bands at ~95 kDa is unknown, but may be degraded TAF1. Personal Communication, Anne Gegonne, CCR-NCI, Bethesda, MD.



Western Blot of KAT4/TBP Associated Factor 1 Antibody antibody.
Marker: Opal Pre-stained ladder





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 NBP1-77847

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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-90036PEP	KAT4/TBP Associated Factor 1 Recombinant Protein Antigen

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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