

# Product Datasheet

## TIF1 alpha Antibody NB100-2596

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NB100-2596**

TIF1 alpha Antibody

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	TBS and 0.1% BSA

**Product Description**

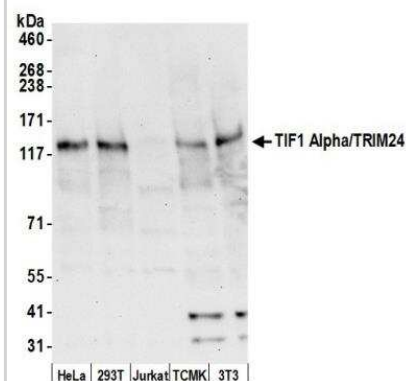
<b>Description</b>	Novus Biologicals Rabbit TIF1 alpha Antibody (NB100-2596) is a polyclonal antibody validated for use in IHC, WB, IP and ChIP. Anti-TIF1 alpha Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	8805
<b>Gene Symbol</b>	TRIM24
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	The immunogen recognized by this antibody maps to a region between residue 700 and 750 of human Transcriptional Intermediary Factor 1 Alpha (Tripartite Motif-Containing 24 ) using the numbering given in entry NP_056989.2 (GeneID 8805).

**Product Application Details**

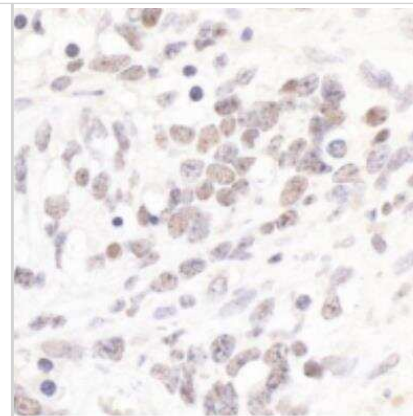
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation Sequencing
<b>Recommended Dilutions</b>	Western Blot 1:2000-1:10000, Immunohistochemistry 1:200 - 1:1000, Immunoprecipitation 2 - 10 ug/mg lysate, Immunohistochemistry-Paraffin 1:200 - 1:1000, Chromatin Immunoprecipitation Sequencing
<b>Application Notes</b>	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. ChIP-Seq ChIP-Seq 4 ug/30 ug chromatin.

**Images**

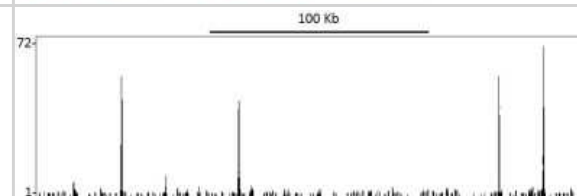
Western Blot: TIF1 alpha Antibody [NB100-2596] - Detection of Human and Mouse TIF1 Alpha/TRIM24 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa, 293T, Jurkat, mouse TCMK-1, and mouse NIH3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-TIF1 Alpha/TRIM24 antibody NB100-2596 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



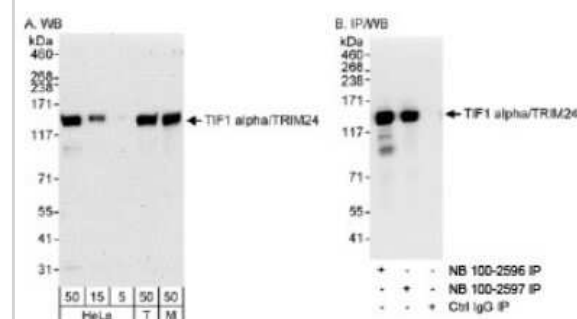
Immunohistochemistry-Paraffin: TIF1 alpha Antibody [NB100-2596] - Section of mouse teratoma. Antibody: Affinity purified rabbit anti-TIF1 alpha/TRIM24 used at a dilution of 1:200 (1ug/ml). Detection: DAB



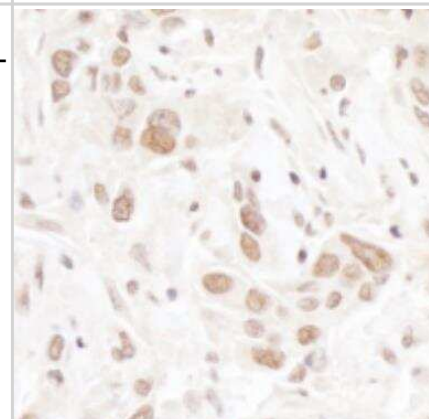
Chromatin Immunoprecipitation Sequencing: TIF1 alpha Antibody [NB100-2596] - Localization of TIF1 Alpha/TRIM24 Binding Sites by ChIP-sequencing. Chromatin from Breast cancer cell line T47D was immunoprecipitated with anti-TIF1 Alpha/TRIM24 antibody NB100-2596 and analyzed by DNA sequencing. The figure illustrates the peak distribution of TIF1 Alpha/TRIM24 binding within a 250 Kb region of chromosome 19 as detected using anti-TIF1 Alpha/TRIM24 antibody NB100-2596. ChIP-seq validation performed by Active Motif, Carlsbad, CA.



Western Blot: TIF1 alpha Antibody [NB100-2596] - Detection of Human and Mouse TIF1 alpha/TRIM24 on HeLa whole cell lysate using NB100-2596. TIF1 alpha/TRIM24 was also immunoprecipitated by rabbit anti-TIF1 alpha/TRIM24 antibody NB100-2597.



Immunohistochemistry-Paraffin: TIF1 alpha Antibody [NB100-2596] - Section of human breast carcinoma. Antibody: Affinity purified rabbit anti-TIF1 alpha/TRIM24 used at a dilution of 1:200 (1ug/ml). Detection: DAB



## Publications

Andrieux G, Fattet L, Le Borgne M et al. Dynamic regulation of Tgf-B signaling by Tif1?: a computational approach. PLoS One 2012-01-01 [PMID: 22461896]

Seki Y, Kurisaki A, Watanabe-Susaki K et al. TIF1beta regulates the pluripotency of embryonic stem cells in a phosphorylation-dependent manner. Proc Natl Acad Sci U S A 2010-06-01 [PMID: 20508149]

Allton K, Jain AK, Herz H-M et al. From the Cover: Trim24 targets endogenous p53 for degradation. PNAS;106 (28):11612-11616. 2009-01-01 [PMID: 19556538]





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### **Products Related to NB100-2596**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-56418PEP	TIF1 alpha Recombinant Protein Antigen

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### **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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