

Product Datasheet

TAF15 Antibody (4D71) - BSA Free NBP1-92685

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-92685

TAF15 Antibody (4D71) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4D71
Preservative	5mM Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	68 kDa

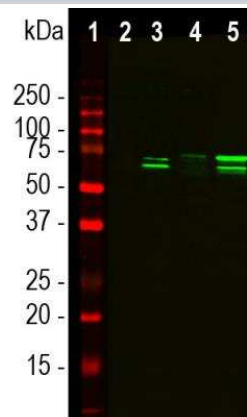
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Mouse TAF15 Antibody (4D71) - BSA Free (NBP1-92685) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-TAF15 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	8148
Gene Symbol	TAF15
Species	Human, Mouse, Rat
Immunogen	Full length recombinant human TAF15 expressed in and purified from E. coli. [UniProt# Q92804]

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Knockout Validated
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:500-1:1000, Immunocytochemistry/ Immunofluorescence 1:500-1:1000, Immunoprecipitation Application from YCharOS., Knockout Validated Application from YCharOS.
Application Notes	This TAF15 (4D71) antibody is useful for Immunocytochemistry/Immunofluorescence and Western blot, where a band can be seen at approximately 68 kDa.

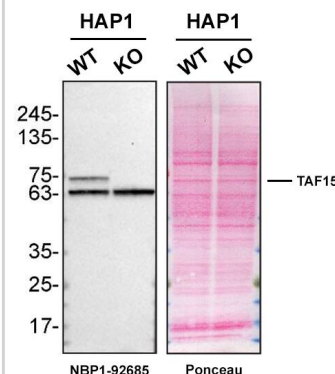


Images

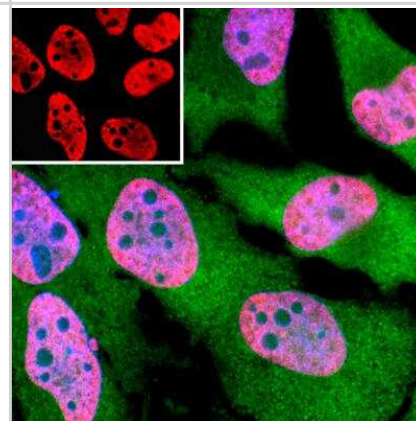
Western Blot: TAF15 Antibody (4D71) [NBP1-92685] - Analysis of cytosol or nuclear enriched fractions of cell line lysates using mouse mAb to TAF15, NBP1-92685, dilution 1:1,000: [1] protein standard, [2] NIH-3T3 cytosol, [3] NIH-3T3 nuclear fraction, [4] HeLa cytosol, and [5] HeLa nuclear fraction. Double band at 56-68kDa detected predominantly in the nuclear enriched fraction corresponds to the TAF15 protein.



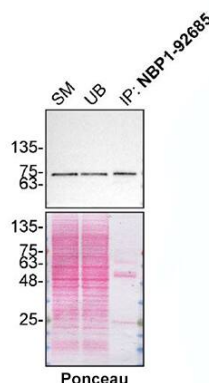
Western blot shows lysates of HAP1 human near-haploid cell line and TAF15 knockout HAP1 cell line (KO). Nitrocellulose membrane was probed with TAF15 Antibody (Catalog # NBP1-92685) O/N at 4C, followed by HRP-conjugated Secondary Antibody and ECL detection. A specific band was detected for TAF15 (75 kDa) in the parental HAP1 cell line, but is not detectable in knockout HAP1 cell line. Primary antibody dilution used: 1/1000. The Ponceau stained transfers of each blot are shown. Image, protocol and testing courtesy of YCharOS Inc. (ycharos.com).



Immunocytochemistry/Immunofluorescence: TAF15 Antibody (4D71) [NBP1-92685] - Analysis of HeLa cells stained with mouse mAb to TATA-box binding protein associated factor 15, TAF15, NBP1-92685, dilution 1:500 in red, and costained with rabbit pAb to GAPDH, dilution 1:1,000 in green. Blue is Hoechst staining of nuclear DNA. The NBP1-92685 antibody reveals TAF15 protein expressed exclusively in the nuclei of the cells, while GAPDH antibody produces strong cytoplasmic staining.



HAP1 lysates were prepared, and immunoprecipitation was performed using 2.0 ug of TAF15 antibody (Catalog # NBP1-92685) pre-coupled to Dynabeads protein G. Samples were washed and processed for Western Blot with TAF15 antibody. For Western Blot, Rb x TAF15 was used at 1/100. The Ponceau stained transfers of each blot are shown. SM=4% starting material; UB=4% unbound fraction; IP=immunoprecipitate. Image, protocol and testing courtesy of YCharOS Inc. (ycharos.com).



Publications

Sikorski K, Mehta A et al. A high-throughput pipeline for validation of antibodies. Nat Methods 2018-01-11 [PMID: 30377371] (Human)

Details:
Antibody validation based on denaturing gel electrophoresis of biotinylated cell lysates (PAGE) followed by mass spectrometry (MS) and antibody array analysis (MAP).





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Products Related to NBP1-92685

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-92685F	TAF15 Antibody (4D71) [FITC]

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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