

Product Datasheet

TBK1 Antibody (108A429) - Azide and BSA Free NBP2-33243

Unit Size: 0.1 mg

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

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NBP2-33243

TBK1 Antibody (108A429) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	108A429
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS - BSA free
Target Molecular Weight	84 kDa

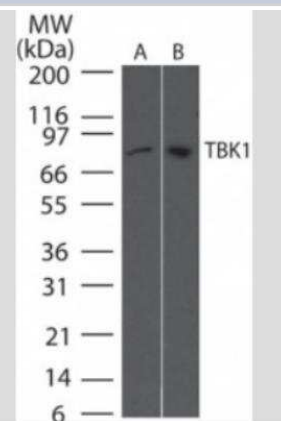
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Mouse TBK1 Antibody (108A429) - Azide and BSA Free (NB100-56705) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	29110
Gene Symbol	TBK1
Species	Human, Mouse, Rat, Bovine, Canine
Immunogen	A synthetic peptide corresponding to amino acids 563-577 (YYQFKKDKAERRLAYC) of human TBK1 was used as immunogen for this antibody (NP_037386).

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1-2 ug/ml, Simple Western, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10-1:500, Knockout Validated
Application Notes	In Western Blot this antibody detects a band at 80 kDa. In Simple Western only 10-15 uL of the recommended dilution is used per data point.

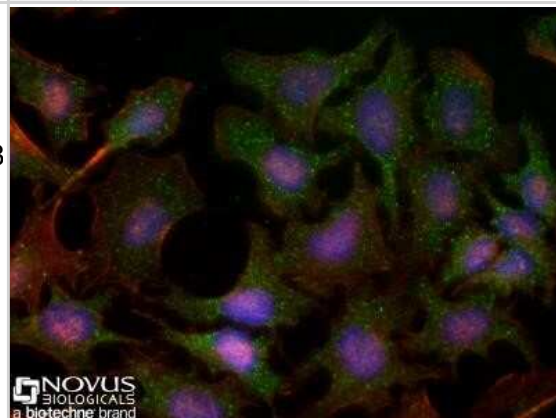


Images

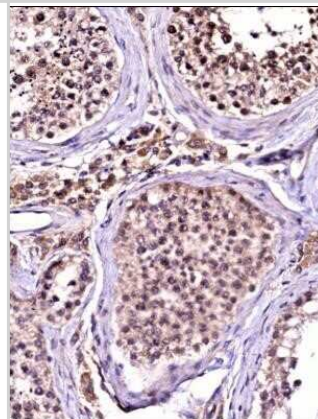
Western Blot: TBK1 Antibody (108A429) - Azide and BSA Free [NBP2-33243] - Human Daudi (A) and mouse RAW (B) cell lysate probed with TBK1 antibody at 2 ug/ml.



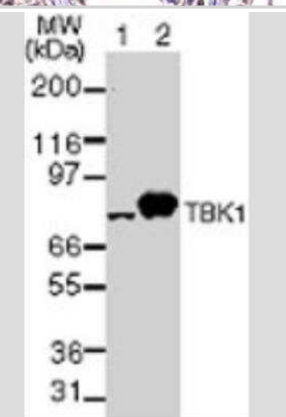
Immunocytochemistry/Immunofluorescence: TBK1 Antibody (108A429) - Azide and BSA Free [NBP2-33243] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.05% Triton X-100. The cells were incubated with anti-TBK1 at 20 ug/ml overnight at 4C and detected with an anti-mouse DyLight 488 (Green) at a 1:500 dilution. Actin was detected with Phalloidin 568 (Red) at a 1:200 dilution. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image using the standard format of this product.



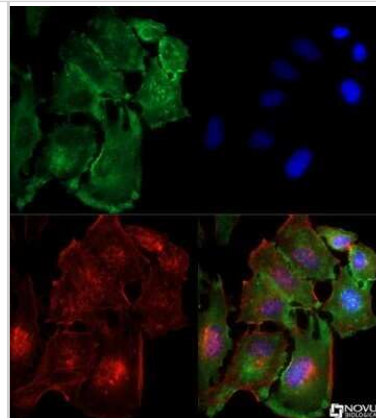
Immunohistochemistry-Paraffin: TBK1 Antibody (108A429) - Azide and BSA Free [NBP2-33243] - Analysis of FFPE human testis tissue section using Peripheral Node Addressin antibody (clone MECA-79R) at 1:200. The staining was developed with HRP-DAB detection method and the counterstaining was performed using hematoxylin. Image using the standard format of this product.



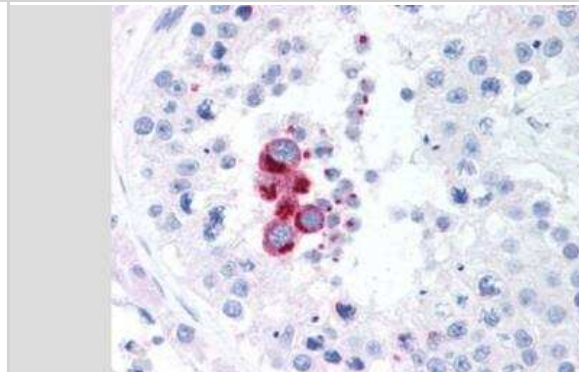
Western Blot: TBK1 Antibody (108A429) - Azide and BSA Free [NBP2-33243] - Lysate from 293 cells untransfected (lane 1) and transfected with human TBK1 cDNA (lane 2) probed with TBK1 antibody at 2 ug/ml.



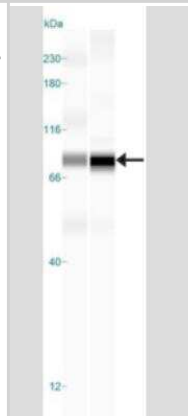
Immunocytochemistry/Immunofluorescence: TBK1 Antibody (108A429) - Azide and BSA Free [NBP2-33243] - Antibody was tested in HeLa cells with DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and DyLight 550 (red). A dilution of 1:10 was used. Image objective 40x. Image using the standard format of this product.



Immunohistochemistry: TBK1 Antibody (108A429) - Azide and BSA Free [NBP2-33243] - Staining on human testis (Formalin-Fixed Paraffin-Embedded (FFPE))



Simple Western: TBK1 Antibody (108A429) - Azide and BSA Free [NBP2-33243] - Western Blot: NAK Antibody (108A429) [NB100-56705] - Simple Western lane view shows a specific band for NAK/TBK1 in 0.5 mg/ml of Daudi (left) and Raw 264.7 (right) lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. * Non-specific interaction with the 230 kDa Simple Western standard may be seen with this antibody





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Products Related to NBP2-33243

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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