

Product Datasheet

TRAP1 Antibody NBP2-20700

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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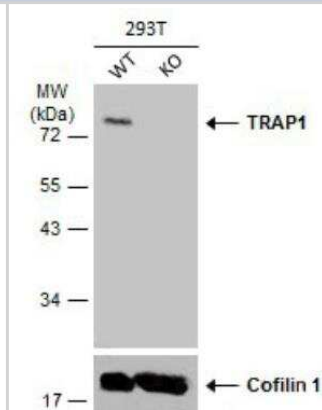
NBP2-20700**TRAP1 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA
Target Molecular Weight	80 kDa
Product Description	
Host	Rabbit
Gene ID	10131
Gene Symbol	TRAP1
Species	Human
Reactivity Notes	Bovine (89%), Zebrafish (81%), Chicken (88%).
Immunogen	Recombinant protein encompassing a sequence within the N-terminus region of human TRAP1. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated, Knockdown Validated
Application Notes	Use in KD reported in scientific publication (PMID: 32664214).

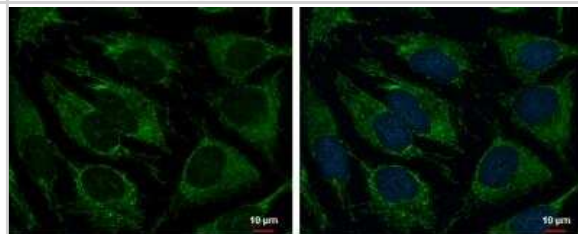


Images

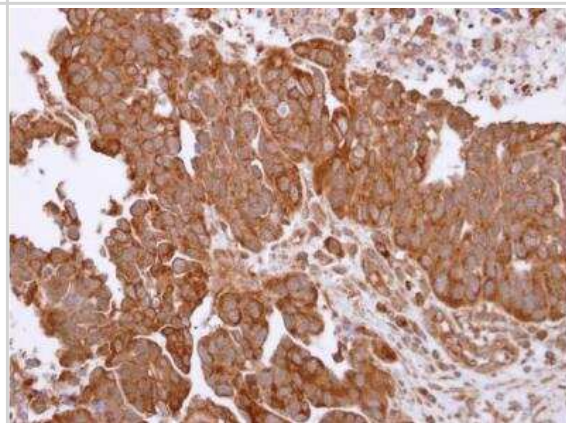
Western Blot: TRAP1 Antibody [NBP2-20700] - Wild-type (WT) and TRAP1 knockout (KO) 293T cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with TRAP1 antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



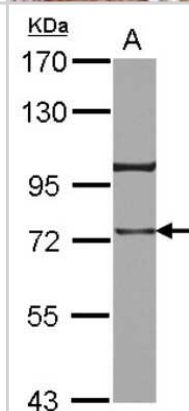
Immunocytochemistry/Immunofluorescence: TRAP1 Antibody [NBP2-20700] - HeLa cells were fixed in 2% paraformaldehyde/culture medium at 37°C for 30 min and permeabilized with 100% MeOH for 30 sec. Green: TRAP1 protein stained by TRAP1 antibody [N1N3] diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10 μ m.



Immunohistochemistry-Paraffin: TRAP1 Antibody [NBP2-20700] - Ovarian carcinoma. TRAP1 antibody [N1N3] dilution: 1:250. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Western Blot: TRAP1 Antibody [NBP2-20700] - Sample (30 ug of whole cell lysate) A: A431 7. 5% SDS PAGE gel, diluted at 1:3000.



Publications

Nguyen TTT, Zhang Y, Shang E et al. Inhibition of HDAC1/2 Along with TRAP1 Causes Synthetic Lethality in Glioblastoma Model Systems Cells 2020-07-10 [PMID: 32664214] (WB, KD, Human)



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Products Related to NBP2-20700

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00010131-P01-10ug	Recombinant Human TRAP1 GST (N-Term) Protein

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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