

Product Datasheet

KAP1 Antibody - BSA Free

NB500-159

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB500-159

KAP1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

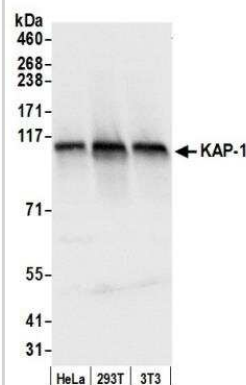
Product Description	
Host	Rabbit
Gene ID	10155
Gene Symbol	TRIM28
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 650 and 700 of human Tripartite Motif-Containing 28 using the numbering given in entry NP_005753.1 (GeneID 10155).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunohistochemistry 1:1000 to 1:5000, Immunoprecipitation 2-10 ug/mg lysate, Immunohistochemistry-Paraffin 1:1000 to 1:5000
Application Notes	By Western Blot, this antibody recognizes a band at ~106 kDa, representing KAP-1. The investigator should determine the optimal working dilution for a specific application. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

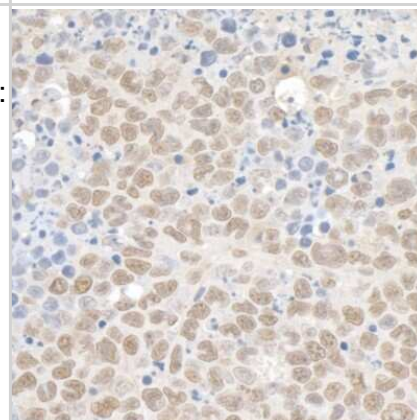


Images

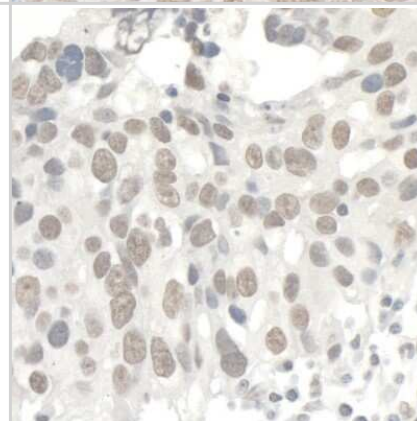
Western Blot: KAP1 Antibody [NB500-159] - Detection of Human and Mouse KAP-1 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa, 293T, and mouse NIH3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-KAP-1 antibody NB500-159 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



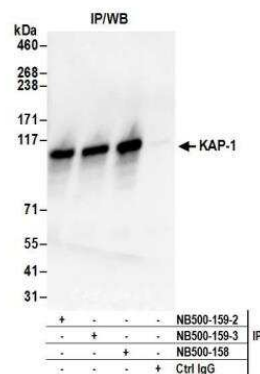
Immunohistochemistry-Paraffin: KAP1 Antibody [NB500-159] - Sample: FFPE section of mouse plasmacytoma. Antibody: Affinity purified rabbit anti-Kap-1 Cat. No. Lot4 used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).



Immunohistochemistry-Paraffin: KAP1 Antibody [NB500-159] - Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-Kap-1 Cat. No. Lot4 used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).



Immunoprecipitation: KAP1 Antibody [NB500-159] - Detection of human KAP-1 by western blot of immunoprecipitates. Samples Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-KAP-1 antibody NB500-159 (lot NB500-159-4) used for IP at 6 ug per reaction. KAP-1 was also immunoprecipitated by a previous lot of this antibody (lot NB500-159-3) and rabbit anti-KAP-1 antibody NB500-158. For blotting immunoprecipitated KAP-1, NB500-159 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



Publications

Roset R, Inagaki A, Hohl M et al. The Rad50 hook domain regulates DNA damage signaling and tumorigenesis. Genes Dev. 2014-03-04 [PMID: 24532689] (WB, Mouse)



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Products Related to NB500-159

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-22889	Recombinant Human KAP1 His 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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