

# Product Datasheet

## BRD2 Antibody NBP1-30475

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NBP1-30475**

## BRD2 Antibody

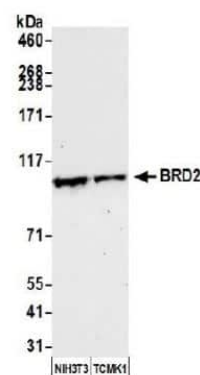
Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS, 0.1% BSA

Product Description	
Host	Rabbit
Gene ID	6046
Gene Symbol	BRD2
Species	Human, Mouse
Immunogen	The immunogen for this product maps to a region between residue 675 and 725 of human bromodomain containing 2 using the numbering given in entry NP_005095.1 (GeneID 6046).

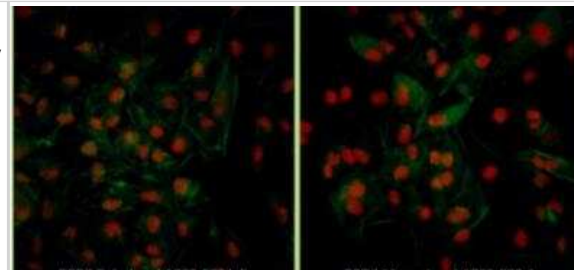
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunoprecipitation 2-10 ug/mg lysate, Immunohistochemistry-Paraffin 1:100 - 1:500
Application Notes	Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

**Images**

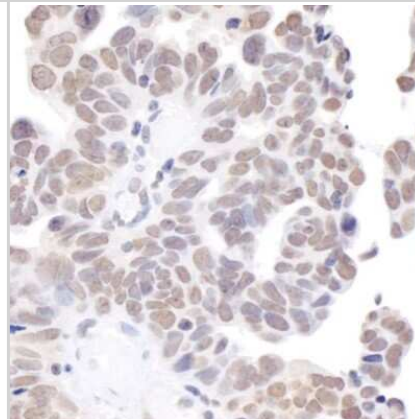
Western Blot: BRD2 Antibody [NBP1-30475] - Whole cell lysate (50 ug) from NIH 3T3 and TCMK-1 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BRD2 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



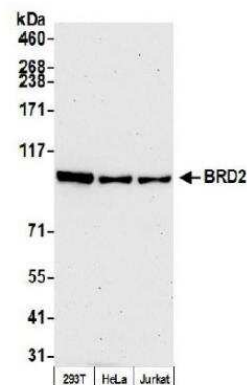
Immunocytochemistry/Immunofluorescence: BRD2 Antibody [NBP1-30475] - Formaldehyde-fixed asynchronous HeLa cells. Antibody: Affinity purified rabbit anti- BRD2 used at a dilution of 1:100 (2 ug/mL) (left) and rabbit anti-BRD2 recombinant monoclonal used at a dilution of 1:20 (right). Detection: Red-fluorescent goat anti-rabbit IgG cross-adsorbed Antibody DyLight 594 conjugated.



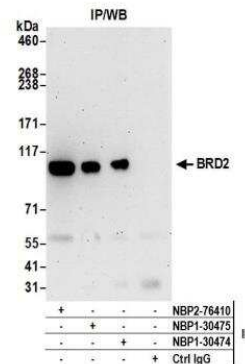
Immunohistochemistry-Paraffin: BRD2 Antibody [NBP1-30475] - Section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-BRD2 (NBP1-30475). Detection: DAB



Western Blot: BRD2 Antibody [NBP1-30475] - Whole cell lysate (50 ug) from HEK293T, HeLa, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BRD2 antibody used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



Immunoprecipitation: BRD2 Antibody [NBP1-30475] - Detection of human BRD2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-BRD2 antibody NBP1-30475 used for IP at 6 ug per reaction. BRD2 was also immunoprecipitated by rabbit anti-BRD2 antibody NBP1-30474 and rabbit anti-BRD2 recombinant monoclonal antibody [BL-167-2A2] (NBP2-76410). For blotting immunoprecipitated BRD2, NBP2-76410 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 3 minutes.



## Publications

Kang JH, Splinter PL, Trussoni CE et al. The Epigenetic Reader, Bromodomain Containing 2, Mediates Cholangiocyte Senescence via Interaction With ETS Proto-Oncogene 1 Gastroenterology 2023-04-12 [PMID: 37059338] (PLA, WB, Human)

Heo CK, Lim WH, Park I et al. Serum BRD2 autoantibody in hepatocellular carcinoma and its detection using mimotope peptide conjugated BSA International journal of oncology 2022-12-01 [PMID: 36321789] (WB, Human)

Gaëlle V, Loïc P, Baraa N et al. miR-126-5p promotes retinal endothelial cell survival through SetD5 regulation in neurons Development. 2017-11-27 [PMID: 29180574] (WB)





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### **Products Related to NBP1-30475**

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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
NBP2-51885-0.1mg	Recombinant Human BRD2 His Protein

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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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