

# Product Datasheet

## BRD2 Antibody - BSA Free **NBP1-84310**

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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### Publications: 1

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**NBP1-84310**

BRD2 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

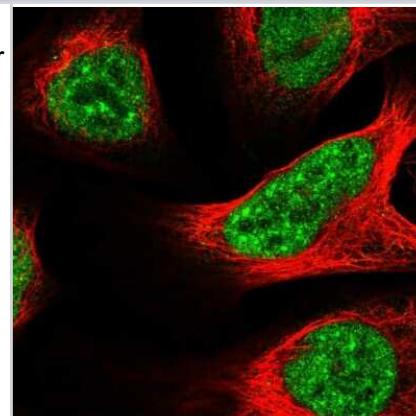
<b>Description</b>	Novus Biologicals Rabbit BRD2 Antibody - BSA Free (NBP1-84310) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-BRD2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	6046
<b>Gene Symbol</b>	BRD2
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: <b>SMPQEEQELVVTIPKNSHKKGAKLAALQGSVTSAHQVPAVSSVSHTALYTPPP EIPTTVLNIPHPSVISSPLLKSLHSAGP</b>

**Product Application Details**

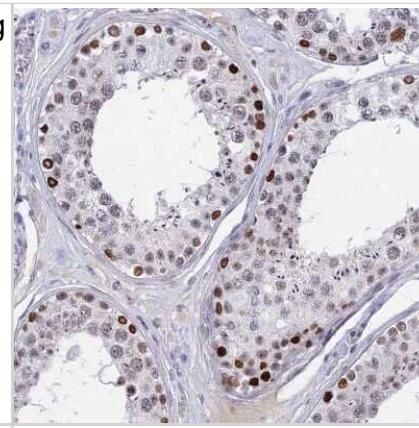
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50, Knockdown Validated
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

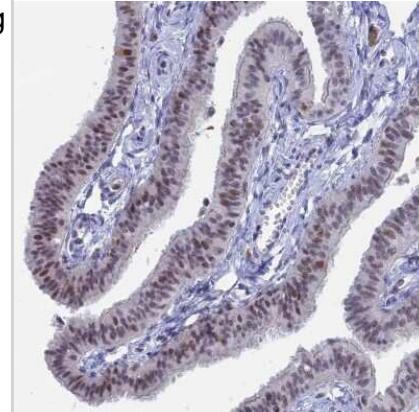
Immunocytochemistry/Immunofluorescence: BRD2 Antibody [NBP1-84310] - Staining of human cell line U-2 OS shows localization to nuclear speckles. Antibody staining is shown in green.



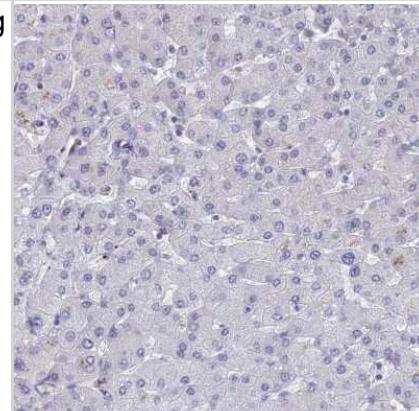
Immunohistochemistry-Paraffin: BRD2 Antibody [NBP1-84310] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



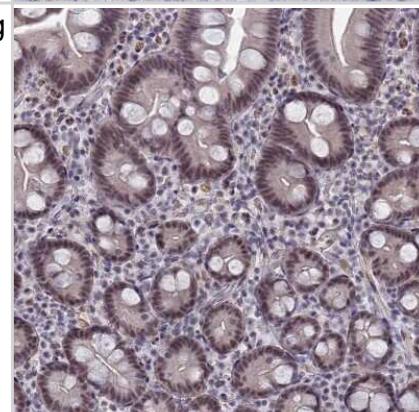
Immunohistochemistry-Paraffin: BRD2 Antibody [NBP1-84310] - Staining of human fallopian tube shows moderate nuclear positivity in glandular cells.



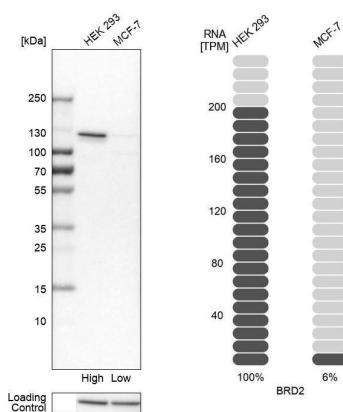
Immunohistochemistry-Paraffin: BRD2 Antibody [NBP1-84310] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: BRD2 Antibody [NBP1-84310] - Staining of human small intestine shows moderate nuclear positivity in glandular cells.



Analysis in human cell lines HEK293 and MCF-7 using Anti-BRD2 antibody. Corresponding BRD2 RNA-seq data are presented for the same cell lines. Loading control: Anti-HSP90B1.



## Publications

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)



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## Products Related to NBP1-84310

NBP1-84310PEP	BRD2 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

## 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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