

Product Datasheet

BAF180/PB1 Antibody - BSA Free NB100-79833

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-79833

BAF180/PB1 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 buffer, pH 7 to 8 |

Product Description

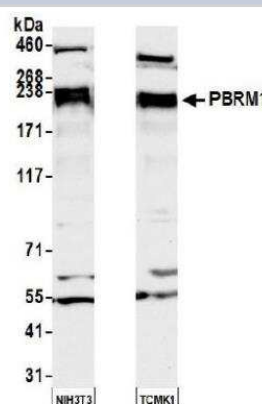
| | |
|--------------------|--|
| Host | Rabbit |
| Gene ID | 55193 |
| Gene Symbol | PBRM1 |
| Species | Human, Mouse |
| Immunogen | The immunogen recognized by this antibody maps to a region between residue 1639 and 1689 of human polybromo 1 (BRG1-associated factor 180) using the numbering given in entry AAP34197.1 (GeneID 55193). |

Product Application Details

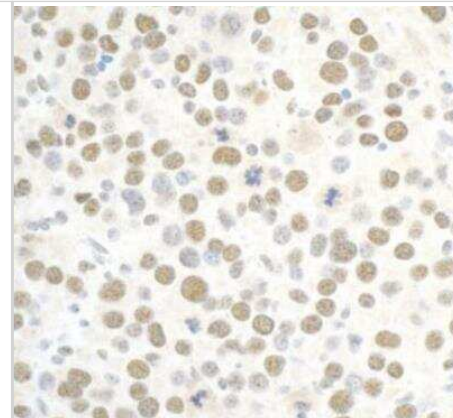
| | |
|------------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:2000-1:10000, Immunohistochemistry 1:1000 - 1:5000, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 2 - 10 ug/mg lysate, Immunohistochemistry-Paraffin 1:1000 - 1:5000 |
| Application Notes | Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. Use in ICC/IF reported in scientific literature (PMID: 28092369). |

Images

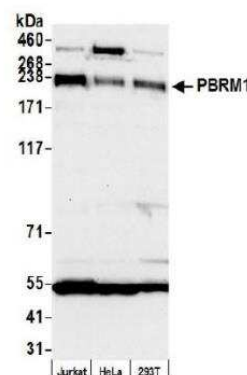
Western Blot: BAF180/PB1 Antibody [NB100-79833] - Whole cell lysate (50 ug) from NIH 3T3 and TCMK-1 prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PBRM1 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



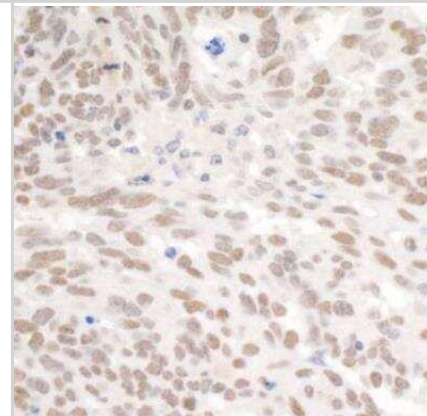
Immunohistochemistry-Paraffin: BAF180/PB1 Antibody [NB100-79833] - FFPE section of mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti-PBRM1 used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB.



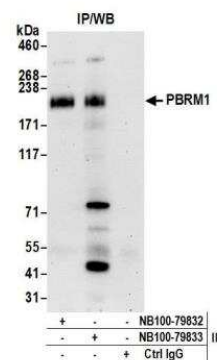
Western Blot: BAF180/PB1 Antibody [NB100-79833] - Whole cell lysate (50 ug) from Jurkat, HeLa, and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PBRM1 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Immunohistochemistry-Paraffin: BAF180/PB1 Antibody [NB100-79833] - FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-PBRM1 used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB.



Immunoprecipitation: BAF180/PB1 Antibody [NB100-79833] - Detection of human PBRM1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PBRM1 antibody NB100-79833 used for IP at 3 ug per reaction. PBRM1 was also immunoprecipitated by rabbit anti-PBRM1 antibody NB100-79832. For blotting immunoprecipitated PBRM1, NB100-79833 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Publications

Chen W, Pilling D, Gomer RH The mRNA binding protein DDX3 mediates TGF- β 1 upregulation of translation and promotes pulmonary fibrosis JCI insight 2023-02-23 [PMID: 36821384] (WB, IHC-Fr, Human, Mouse)

Murakami A, Wang L, Kalhorn S et al. Context-dependent role for chromatin remodeling component PBRM1/BAF180 in clear cell renal cell carcinoma Oncogenesis 2017-01-16 [PMID: 28092369] (WB, IF/IHC, Human)

Pawłowski R, Muhl SM, Sulser T et al. Loss of PBRM1 expression is associated with renal cell carcinoma progression. Int J Cancer 2013-01-01 [PMID: 22949125]

Burrows AE, Smogorzewska A, Elledge SJ et al. Polybromo-associated BRG1-associated factor components BRD7 and BAF180 are critical regulators of p53 required for induction of replicative senescence. Proc Natl Acad Sci U S A 2010-08-01 [PMID: 20660729]





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-79833

| | |
|---------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| NBP1-90016PEP | BAF180/PB1 Recombinant Protein Antigen |

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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