

Rabbit anti-Human, Mouse PBRM1 Polyclonal Antibody | anti-PBRM1 antibody

Rabbit anti-PBRM1 Antibody, Affinity Purified

CATALOG # AAA23777	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot, Immunoprecipitation, Immunohistochemistry
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PRODUCT SYNONYMS

PBRM1; Polyclonal Antibody; Rabbit anti-PBRM1 Antibody; Affinity Purified; BAF180; protein polybromo-1; polybromo-1D; PB1; BRG1-associated factor 180; hPB1; Protein polybromo-1; polybromo 1; anti-PBRM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PBRM1 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry)
Application Notes	WB: 1:2000-1:10,000 IP: 6ug/mg lysate IHC: 1:1000 to 1:5000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.
Immunogen	Between 1639 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of mouse PBRM1 by western blot. Samples: Whole cell lysate (50 ug) from NIH 3T3 and TCMK-1 prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PBRM1 antibody AAA23777 (lot AAA23777-5) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



WB (Western Blot)

Detection of human PBRM1 by western blot. Samples: Whole cell lysate (50 ug) from Jurkat, HeLa, and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PBRM1 antibody AAA23777 (lot AAA23777-5) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



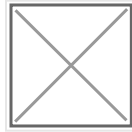
IP (Immunoprecipitation)

Detection of human PBRM1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PBRM1 antibody AAA23777 (lot AAA23777-5) used for IP at 6 ug per reaction. PBRM1 was also immunoprecipitated by a previous lot of this antibody (lot AAA23777-4) and rabbit anti-PBRM1 recombinant monoclonal antibody For blotting immunoprecipitated PBRM1, was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



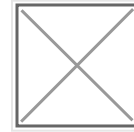
IHC (Immunohistochemistry)

Detection of mouse PBRM1 by immunohistochemistry. Sample: FFPE section of mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti-PBRM1 (Cat. No. AAA23777 Lot 5) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB.



IHC (Immunohistochemistry)

Detection of human PBRM1 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-PBRM1 (Cat. No. AAA23777 Lot 5) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB.



FCM (Flow Cytometry)

Detection of human PBRM1 (shaded) in Ramos cells by flow cytometry. Antibody: Rabbit anti-PBRM1 polyclonal antibody (AAA23777) or isotype control (unshaded). Secondary: DyLight 488-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for anti-PBRM1 antibody

The SMARCs (SWI/SNF-related, matrix-associated, actin-dependent regulators of chromatin), and BAFs (BRG1-associated factors), have been identified as components of the mammalian SWI/SNF-like chromatin-remodeling protein complexes. These multi-protein complexes are proposed to function as ATP-driven motors that translocate along DNA and destabilize nucleosomal structures to facilitate transcription factor binding. PBRM1 is a component of the SWI/SNF-B (PBAF) complex. It contains six bromodomains which are defined by a 110 amino-acid module that interacts with acetylated lysine and is found in many chromatin binding proteins and histone acetyltransferases. PBRM1 has been proposed to function as a tumor suppressor protein. Recently, PBRM1 has been found to play a role in mediating cell cycle arrest in response to DNA damage via the regulation of the tumor suppressor p21.

Product Categories/Family for anti-PBRM1 antibody

[Primary Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	93102371
NCBI GeneID	55193
NCBI Accession #	NP_060783.3
NCBI GenBank Nucleotide #	NM_018313.4
UniProt Accession #	Q86U86 ; Q1RMD1 ; Q1RMD2 ; Q96MS2 ; Q9H2T3 ; Q9H2T4 ; Q9H2T5 ; Q9H301 ; Q9H314 ; A1L381 ; A1L382 ; A4FUJ7
Molecular Weight	192,948 Da
NCBI Official Full Name	protein polybromo-1
NCBI Official Synonym Full Names	polybromo 1
NCBI Official Symbol	PBRM1
NCBI Official Synonym Symbols	PB1; BAF180
NCBI Protein Information	protein polybromo-1; polybromo-1D; BRG1-associated factor 180
UniProt Protein Name	Protein polybromo-1
UniProt Gene Name	PBRM1
UniProt Synonym Gene Names	BAF180; PB1; hPB1; BAF180

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pbrm1-antibody-western-blot-immunoprecipitation-immunohistochemistry-elisa/23777>