

Rabbit BRD9 Polyclonal Antibody | anti-BRD9 antibody

Anti-BRD9 Antibody Picoband

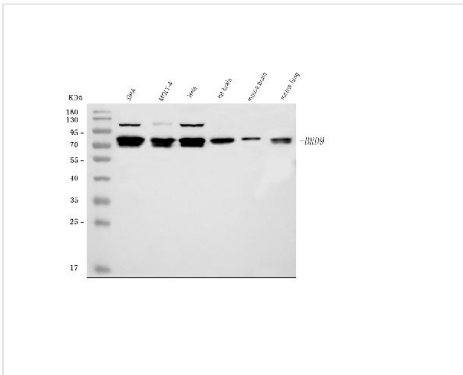
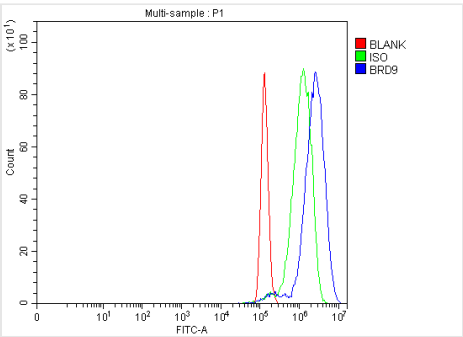
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126518	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

BRD9; Polyclonal Antibody; Anti-BRD9 Antibody Picoband; anti-BRD9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-BRD9 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human BRD9 recombinant protein (Position: K7-K271).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



FCM/FACS (Flow Cytometry)
Figure 2. Flow Cytometry analysis of PC-3 cells using anti-BRD9 antibody (AAA126518).Overlay histogram showing PC-3 cells stained with AAA126518 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-BRD9 Antibody (AAA126518, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.

WB (Western Blot)
Figure 1. Western blot analysis of BRD9 using anti-BRD9 antibody (AAA126518).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human SiHa whole cell lysates,Lane 2: human MOLT-4 whole cell lysates,Lane 3: human Hela whole cell lysates,Lane 4: rat brain tissue lysates,Lane 5: mouse brain tissue lysates,Lane 6: mouse lung tissue lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-BRD9 antigen affinity purified polyclonal antibody (#AAA126518) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for BRD9 at approximately 80 kDa. The expected band size for BRD9 is at 67 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-BRD9 antibody	Bromodomain-containing protein 9 is a protein that in humans is encoded by the BRD9 gene. Enables lysine-acetylated histone binding activity. Predicted to be involved in regulation of transcription by RNA polymerase II. Located in nucleoplasm. Part of SWI/SNF complex.
Product Categories/Family for anti-BRD9 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	237649104
NCBI GeneID	65980
NCBI Accession #	NP_076413
NCBI GenBank Nucleotide #	NM_023924
UniProt Accession #	Q9H8M2; Q2XUS1; Q6UWU9; Q8IUS4; Q9H5Q5; Q9H7R9; A6NFY8; B4DMQ2; B4DR93
Molecular Weight	60,763 Da
NCBI Official Full Name	bromodomain-containing protein 9 isoform 1
NCBI Official Synonym Full Names	bromodomain containing 9
NCBI Official Symbol	BRD9
NCBI Official Synonym Symbols	PRO9856; LAVS3040
NCBI Protein Information	bromodomain-containing protein 9; rhabdomyosarcoma antigen MU-RMS-40.8; sarcoma antigen NY-SAR-29
UniProt Protein Name	Bromodomain-containing protein 9
UniProt Gene Name	BRD9

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/brd9-antibody-flow-cytometry-western-blot-elisa/126518>