

Rabbit anti-Human, Mouse BRD7 Polyclonal Antibody | anti-BRD7 antibody

Rabbit anti-BRD7 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211837	Rabbit	Human, Mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

BRD7; Polyclonal Antibody; Rabbit anti-BRD7 Antibody; Affinity Purified; BP75; bromodomain-containing protein 7; CELTIX1; NAG4; protein CELTIX-1; 75 kDa bromodomain protein; Bromodomain-containing protein 7; bromodomain containing 7; anti-BRD7 antibody

PRODUCT SPECIFICATIONS

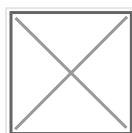
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-BRD7 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 601 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



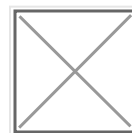
WB (Western Blot)

Detection of human BRD7 by western blot. Samples: Whole cell lysate (50 ug) from Jurkat, HEK293T, HeLa, LNCaP, and MCF-7 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BRD7 antibody AAA211837 (lot AAA211837-2) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



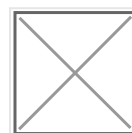
IHC (Immunohistochemistry)

Detection of human BRD7 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-BRD7 (Cat. No. AAA211837 lot 2) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



IP (Immunoprecipitation)

Detection of human BRD7 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-BRD7 antibody AAA211837 (lot AAA211837-2) used for IP at 6 ug per reaction. BRD7 was also immunoprecipitated by a previous lot of this antibody (lot AAA211837-1). For blotting immunoprecipitated BRD7, AAA211837 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



FCM/FACS (Flow Cytometry)

Detection of human BRD7 (shaded) in HeLa cells by flow cytometry. Antibody: Rabbit anti-BRD7 polyclonal antibody (AAA211837) or isotype control (unshaded). Secondary: DyLight 650-conjugated goat anti-rabbit IgG .



FCM/FACS (Flow Cytometry)

Detection of mouse BRD7 (shaded) in EL4 cells by flow cytometry. Antibody: Rabbit anti-BRD7 polyclonal antibody (AAA211837) or isotype control (unshaded). Secondary: DyLight 650-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for anti-BRD7 antibody	Bromodomain-containing protein 7 was identified in a two-hybrid screen as an interactor of interferon regulatory factor-2 (IRF-2) and called CELTIX1. BRD7 was also identified as a binding partner of disheveled-1 (Dvl-1) and found to play a role in Wnt signaling and the regulation of glycogen synthase kinase 3-beta activity. Recently, BRD7 was identified as a subunit of the polybromo-associated BRG1-associated factor (PBAF) complex and shown to be required for the modulation of transcription in embryonic stem cells.
Product Categories/Family for anti-BRD7 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	29117
UniProt Accession #	Q9NPI1
UniProt Protein Name	Bromodomain-containing protein 7
UniProt Gene Name	BRD7
UniProt Synonym Gene Names	BP75; CELTIX1
UniProt Entry Name	BRD7_HUMAN

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/brd7-antibody-flow-cytometry-immunohistochemistry-immunoprecipitation-western-blot-elisa/211837>