

Rabbit anti-Human, Mouse BRD3 Polyclonal Antibody | anti-BRD3 antibody

BRD3 antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60034	Rabbit	Human, Mouse	Western Blot, Chromatin Immunoprecipitation, Immunoprecipitation, Chromatin Immunoprecipitation, Immunoprecipitation

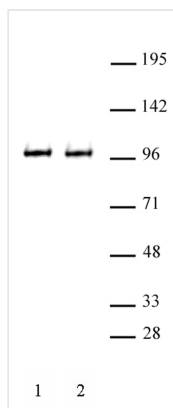
PRODUCT SYNONYMS

BRD3; Polyclonal Antibody; BRD3 antibody (pAb); ORFX; RING3L; anti-BRD3 antibody

PRODUCT SPECIFICATIONS

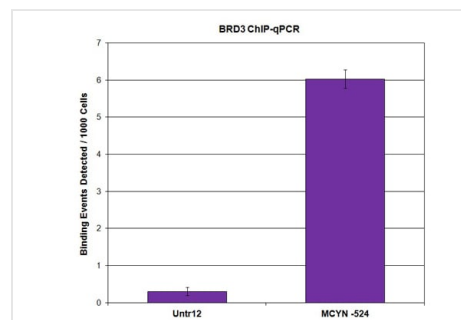
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-BRD3 antibody	WB (Western Blot), ChIP (Chromatin immunoprecipitation), ChIP (Chromatin immunoprecipitation)
Immunogen	This antibody was raised against a peptide within the C-terminal region of mouse BRD3.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



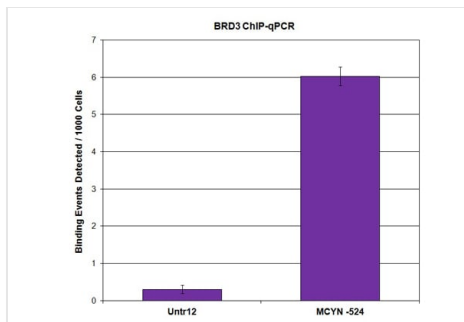
WB (Western Blot)

BRD3 antibody (pAb) tested by Western blot. Detection of BRD3 by Western blot analysis. Lane 1: Whole cell extract of HeLa cells (20 ug). Lane 2: Whole cell extract of NIH-3T3 cells. Both probed with BRD3 antibody (pAb) at a 1:500 dilution.



ChIP (Chromatin Immunoprecipitation)

BRD3 antibody (pAb) tested by ChIP. Chromatin immunoprecipitation (ChIP) was performed using the ChIP-IT High Sensitivity Kit with 30 ug of chromatin from human H526 cells and 10 ul BRD3 antibody. ChIP DNA was used in qPCR with the control primer or gene-specific primer as indicated. Data are presented as Binding Events Detected per 1000 Cells using Epigenetic Services normalization scheme which accounts for primer efficiency and the amount of chromatin used in the ChIP reaction.



ChIP (Chromatin Immunoprecipitation)

BRD3 antibody (pAb) tested by ChIP-Seq. ChIP was performed using the ChIP-IT High Sensitivity Kit with 30 ug of chromatin from human H526 cells and 10 ul of antibody. ChIP DNA was sequenced on the Illumina HiSeq and 16 million sequence tags were mapped to show the expected promoter localization.

ADDITIONAL INFORMATION

Related Product Information for anti-BRD3 antibody

Short Description: Our BRD3 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Chromatin Immunoprecipitation, ChIP-Seq and Western blot; it has been shown to react with Human and Mouse samples.

Background: BRD3 (Bromodomain Containing 3) is a member of the mammalian BET (Bromodomain Extra Terminal) family of proteins, binds hyperacetylated chromatin and has been reported to interact with acetylated Histone H4K5, Histone H4K12 and Histone H3K14. It plays a role in the regulation of transcription, probably by chromatin remodeling and interaction with transcription factors. Regulates transcription by promoting the binding of the transcription factor GATA1 to its targets (By similarity). Regulates transcription of the CCND1 gene.

Product Categories/Family for anti-BRD3 antibody

Primary Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight

100kDa

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/brd3-antibody-western-blot-chromatin-immunoprecipitation-chromatin-immunoprecipitation-elisa/60034>