

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

BRD7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231583	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

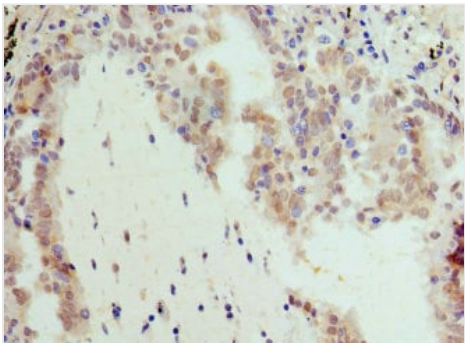
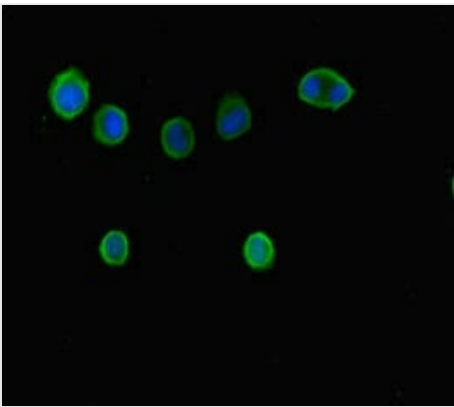
PRODUCT SYNONYMS

BRD7; Polyclonal Antibody; BRD7 Antibody; Bromodomain-containing protein 7; 75 kDa bromodomain protein; Protein CELTIX-1; BP75; CELTIX1; anti-BRD7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	652
Applicable Applications for anti-BRD7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Species	Human
Immunogen	Recombinant human Bromodomain-containing protein 7 protein
Conjugate	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-131878 / sc-131879 / sc-292257
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded AAA231583 using human lung cancer at dilution 1:100

IF (Immunofluorescence)
Immunofluorescent analysis of MCF7 cells using AAA231583 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

ADDITIONAL INFORMATION

Related Product Information for anti-BRD7 antibody	Acts both as coactivator and as corepressor. May play a role in chromatin remodeling. Activator of the Wnt signaling pathway in a DVL1-dependent manner by negatively regulating the GSK3B phosphotransferase activity. Induces dephosphorylation of GSK3B at 'Tyr-216'. Down-regulates TRIM24-mediated activation of transcriptional activation by AR (By similarity). Transcriptional corepressor that down-regulates the expression of target genes. Binds to target promoters, leading to increased histone H3 acetylation at 'Lys-9' (H3K9ac). Binds to the ESR1 promoter. Recruits BRCA1 and POU2F1 to the ESR1 promoter. Coactivator for TP53-mediated activation of transcription of a set of target genes. Required for TP53-mediated cell-cycle arrest in response to oncogene activation. Promotes acetylation of TP53 at 'Lys-382', and thereby promotes efficient recruitment of TP53 to target promoters. Inhibits cell cycle progression from G1 to S phase.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	291219913
NCBI GeneID	29117
NCBI Accession #	NP_001167455.1
NCBI GenBank Nucleotide #	NM_001173984.2
UniProt Accession #	Q9NPI1; Q4VC09; Q8N2L9; Q96KA4; Q9BV48; Q9UH59
Molecular Weight	74,267 Da
NCBI Official Full Name	bromodomain-containing protein 7 isoform 1
NCBI Official Synonym Full Names	bromodomain containing 7
NCBI Official Symbol	BRD7
NCBI Official Synonym Symbols	BP75; NAG4; CELTIX1
NCBI Protein Information	bromodomain-containing protein 7
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-immunofluorescence-immunohistochemistry-elisa/231583>