

Rabbit BRD7 Polyclonal Antibody | anti-BRD7 antibody

BRD7 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198431	Rabbit	Dog, Guinea Pig, Horse, Human, Rabbit, Rat	Western Blot, Immunohistochemistry

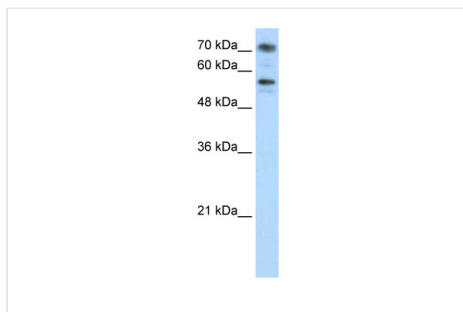
PRODUCT SYNONYMS

BRD7; Polyclonal Antibody; BRD7 antibody - C-terminal region; anti-BRD7 antibody

PRODUCT SPECIFICATIONS

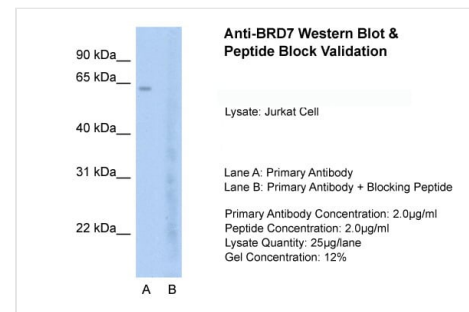
Host	Rabbit
Reactivity	Dog, Guinea Pig, Horse, Human, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KE LAQQVTPGDI VSTYGVRKAM GISIPSPVME NNFVDLTEDT EEPKKTVDV
Sequence Length	651
Applicable Applications for anti-BRD7 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Dog: 86%; Guinea Pig: 93%; Horse: 79%; Human: 100%; Rabbit: 79%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human BRD7
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



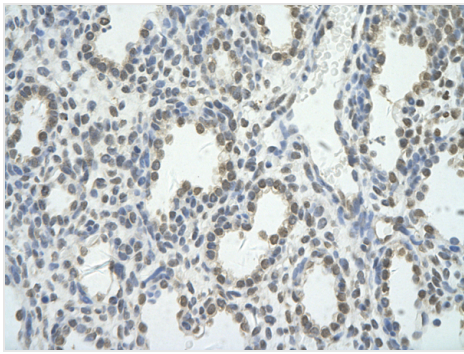
WB (Western Blot)

WB Suggested Anti-BRD7 Antibody Titration: 0.2-1 ug/ml
Positive Control: Jurkat cell lysate
BRD7 is supported by BioGPS gene expression data to be expressed in Jurkat



WB (Western Blot)

Host: Rabbit
Target Name: BRD7
Sample Type: Jurkat
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 2.5ug/mL
Peptide Concentration: 2.0ug/mL
Lysate Quantity: 25ug/lane
Gel Concentration: 12%
BRD7 is supported by BioGPS gene expression data to be expressed in Jurkat



IHC (Immunohistochemistry)
 Rabbit Anti-BRD7 antibody
 Paraffin Embedded Tissue: Human Lung
 Cellular Data: alveolar cell
 Antibody Concentration: 4.0-8.0 ug/ml
 Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-BRD7 antibody	This is a rabbit polyclonal antibody against BRD7. It was validated on Western Blot using a cell lysate as a positive control. Target Description: BRD7 is an activator of the Wnt signaling pathway in a DVL1-dependent manner by negatively regulating the GSK3B phosphotransferase activity. It induces dephosphorylation of GSK3B at 'Tyr-216'.
Product Categories/Family for anti-BRD7 antibody	Polyclonal ; Transcription Regulation ; Various ; Chromatin Immunoprecipitation ; Acetylation ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	74734307
NCBI GeneID	29117
NCBI Accession #	NP_037395
NCBI GenBank Nucleotide #	NM_013263
UniProt Accession #	Q9NPI1
Molecular Weight	74kDa
NCBI Official Full Name	Bromodomain-containing protein 7
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.