

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

Rabbit anti-BRD3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211856	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

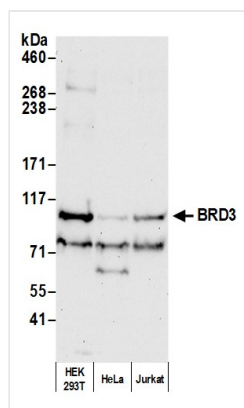
PRODUCT SYNONYMS

BRD3; Polyclonal Antibody; Rabbit anti-BRD3 Antibody; Affinity Purified; RING3-like protein; bromodomain-containing protein 3; bromodomain-containing protein 3 short isoform; ORFX; RING3L; Bromodomain-containing protein 3; bromodomain containing 3; anti-BRD3 antibody

PRODUCT SPECIFICATIONS

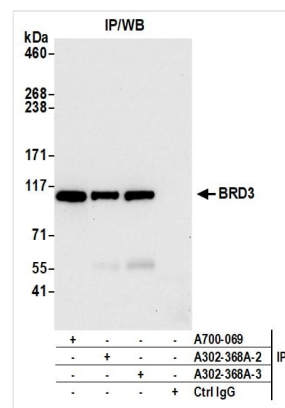
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-BRD3 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 676 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



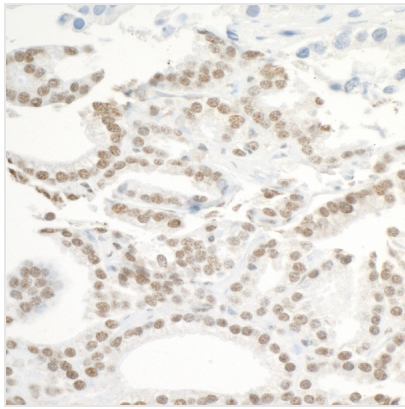
WB (Western Blot)

Detection of human BRD3 by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, HeLa, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BRD3 antibody AAA211856 (lot AAA211856-3) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human BRD3 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-BRD3 antibody AAA211856 (lot AAA211856-3) used for IP at 6 ug per reaction. BRD3 was also immunoprecipitated by a previous lot of this antibody (lot AAA211856-2) and rabbit recombinant monoclonal anti-BRD3 antibody For blotting immunoprecipitated BRD3, was used at 1K. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human BRD3 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-BRD3 (AAA211856 Lot 3) used at a dilution of 1:200 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-BRD3 antibody	BRD3 (bromodomain containing 3) is a double bromo-domain containing protein. It has been shown to associate with hyperacetylated chromatin of transcribed genes. From this finding it is suggested that BRD3 plays a role in RNA polymerase II transcription through nucleosomes. A chromosomal translocation resulting in a fusion protein involving BRD3 and NUT has been associated with a rare and lethal carcinoma. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q15059 and from NCBI Entrez Gene (Gene ID: 8019)].
Product Categories/Family for anti-BRD3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	11067749
NCBI GeneID	8019
NCBI Accession #	NP_031397.1
NCBI GenBank Nucleotide #	NM_007371.3
UniProt Accession #	Q15059 ; Q4G5Y3 ; Q5T1R7 ; Q8N5M3 ; Q92645 ; B1APD9
Molecular Weight	79,542 Da
NCBI Official Full Name	bromodomain-containing protein 3
NCBI Official Synonym Full Names	bromodomain containing 3
NCBI Official Symbol	BRD3
NCBI Official Synonym Symbols	ORFX; RING3L
NCBI Protein Information	bromodomain-containing protein 3; RING3-like protein; bromodomain-containing 3
UniProt Protein Name	Bromodomain-containing protein 3
UniProt Gene Name	BRD3
UniProt Synonym Gene Names	KIAA0043; RING3L
UniProt Entry Name	BRD3_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.

