

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

Anti-BRD3 Antibody Picoband

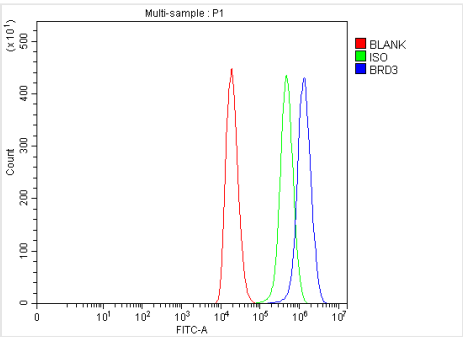
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126348	Rabbit	Human	Western Blot, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

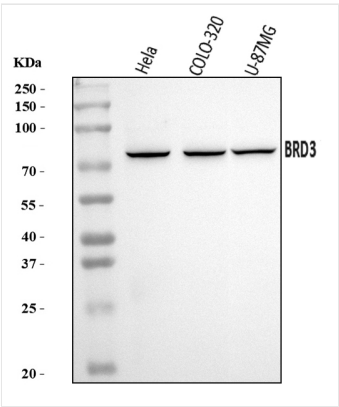
BRD3; Polyclonal Antibody; Anti-BRD3 Antibody Picoband; anti-BRD3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-BRD3 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence of human BRD3 (TQQVAAVSSVSPATPFQS).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



FCM/FACS (Flow Cytometry)
Figure 2. Flow Cytometry analysis of 293T cells using anti-BRD3 antibody (AAA126348).Overlay histogram showing 293T cells stained with AAA126348 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-BRD3 Antibody (AAA126348, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. Dylight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)
Figure 1. Western blot analysis of BRD3 using anti-BRD3 antibody (AAA126348).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human HeLa whole cell lysates,Lane 2: human COLO-320 whole cell lysates,Lane 3: human U-87MG whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-BRD3 antigen affinity purified polyclonal antibody (#AAA126348) at 0.25 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for BRD3 at approximately 80 kDa. The expected band size for BRD3 is at 80 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-BRD3 antibody	Bromodomain-containing protein 3 (BRD3) also known as RING3-like protein (RING3L) is a protein that in humans is encoded by the BRD3 gene. This gene was identified based on its homology to the gene encoding the RING3 protein, a serine/threonine kinase. The gene localizes to 9q34, a region which contains several major histocompatibility complex (MHC) genes. The function of the encoded protein is not known.
Product Categories/Family for anti-BRD3 antibody	Primary Antibodies, Rabbit Polyclonal 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/brd3-antibody-western-blot-flow-cytometry-elisa/126348>