

Rabbit BRDT Polyclonal Antibody | anti-BRDT antibody

Anti-BRDT Antibody Picoband

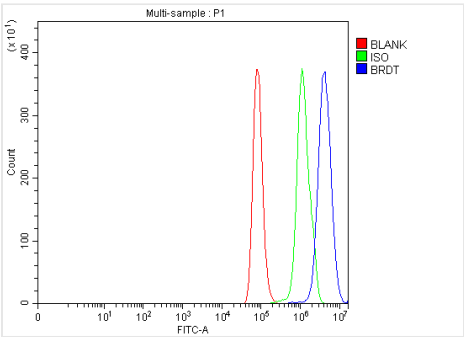
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126405	Rabbit	Human, Mouse, Rat	Western Blot, Flow Cytometry, Functional Assay, ELISA

PRODUCT SYNONYMS

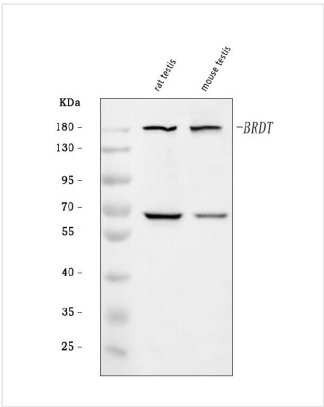
BRDT; Polyclonal Antibody; Anti-BRDT Antibody Picoband; anti-BRDT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
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-BRDT antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), ELISA
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human BRDT recombinant protein (Position: Q795-D947).
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 HeLa cells using anti-BRDT antibody (AAA126405).Overlay histogram showing HeLa cells stained with AAA126405 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-BRDT Antibody (AAA126405, 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 BRDT using anti-BRDT antibody (AAA126405).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: rat testis tissue lysates,Lane 2: mouse testis tissue 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-BRDT antigen affinity purified polyclonal antibody (#AAA126405) at 0.5 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 BRDT at approximately 180 kDa. The expected band size for BRDT is at 108 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-BRDT antibody	Bromodomain testis-specific protein is a protein that in humans is encoded by the BRDT gene. BRDT is similar to the RING3 protein family. It possesses 2 bromodomain motifs and a PEST sequence (a cluster of proline, glutamic acid, serine, and threonine residues), characteristic of proteins that undergo rapid intracellular degradation. The bromodomain is found in proteins that regulate transcription. Several transcript variants encoding multiple isoforms have been found for this gene.
Product Categories/Family for anti-BRDT antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	729042274
NCBI GeneID	676
NCBI Accession #	NP_001229735.2
NCBI GenBank Nucleotide #	NM_001242806.2
UniProt Accession #	Q58F21; O14789; Q05DQ4; Q6P5T1; Q7Z4A6; Q8IWI6; A6NF68; B7Z811; B7Z890; B7ZAX7; D3DT32
Molecular Weight	109,506 Da
NCBI Official Full Name	bromodomain testis-specific protein isoform a
NCBI Official Synonym Full Names	bromodomain testis associated
NCBI Official Symbol	BRDT
NCBI Official Synonym Symbols	CT9; BRD6; SPGF21
NCBI Protein Information	bromodomain testis-specific protein
UniProt Protein Name	Bromodomain testis-specific protein

UniProt Gene Name	BRDT
UniProt Synonym Gene Names	CT9

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/brdt-antibody-western-blot-flow-cytometry-elisa/126405>