Datasheet for ABIN7602468

anti-BRDT antibody (AA 795-947)

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Overview

Quantity:	100 µg
Target:	BRDT
Binding Specificity:	AA 795-947
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRDT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-BRDT Antibody Picoband®
Immunogen:	E.coli-derived human BRDT recombinant protein (Position: Q795-D947).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-BRDT Antibody Picoband® (ABIN7602468). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	BRDT
Alternative Name:	BRDT (BRDT Products)
Background:	Synonyms: Transmembrane protein 107,TMEM107,DC20, UNQ638/PRO1268, Tissue Specificity: Ubiquitous. . Background: 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.
Molecular Weight:	180 kDa
Gene ID:	676
UniProt:	Q58F21

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Gaucher, J., Boussouar, F., Montellier, E., Curtet, S., Buchou, T., Bertrand, S., Hery, P., Jounier, S., Depaux, A., Vitte, A.-L., Guardiola, P., Pernet, K., Debernardi, A., Lopez, F., Holota, H., Imbert, J., Wolgemuth, D. J., Gerard, M., Rousseaux, S., Khochbin, S. Bromodomain-dependent stage-specific male genome programming by Brdt. EMBO J. 31: 3809-3820, 2012. 2. Jones, M. H., Numata, M., Shimane, M. Identification and characterization of BRDT: a testis-specific gene related to the bromodomain genes RING3 and Drosophila fsh. Genomics 45: 529-534, 1997. 3. Li, L., Sha, Y., Wang, X., Li, P., Wang, J., Kee, K., Wang, B. Whole-exome sequencing identified a homozygous BRDT mutation in a patient with acephalic spermatozoa. Oncotarget 8: 19914-19922, 2017.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.

Handling

Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.