Datasheet for ABIN7602322

anti-BRD9 antibody (AA 7-271)

Go to Product page

Overview

Quantity:	100 µg
Target:	BRD9
Binding Specificity:	AA 7-271
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRD9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-BRD9 Antibody Picoband®
Immunogen:	E.coli-derived human BRD9 recombinant protein (Position: K7-K271).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-BRD9 Antibody Picoband® (ABIN7602322). 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:	BRD9
Alternative Name:	BRD9 (BRD9 Products)
Background:	Synonyms: Ubiquitin carboxyl-terminal hydrolase 44, Deubiquitinating enzyme 44, Ubiquitin thioesterase 44, Ubiquitin-specific-processing protease 44, USP44 Tissue Specificity: Expressed in testis. Expressed at high levels in T-cell acute lymphoblastic leukemia. Background: Bromodomain-containing protein 9 is a protein that in humans is encoded by the BRD9 gene. Enables lysine-acetylated histone binding activity. Predicted to be involved in regulation of transcription by RNA polymerase II. Located in nucleoplasm. Part of SWI/SNF complex.
Molecular Weight:	80 kDa
Gene ID:	65980
UniProt:	Q9H8M2

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Filippakopoulos, P., Picaud, S., Mangos, M., Keates, T., Lambert, J.-P., Barsyte-Lovejoy, D., Felletar, I., Volkmer, R., Muller, S., Pawson, T., Gingras, A.-C., Arrowsmith, C. H., Knapp, S. Histone recognition and large-scale structural analysis of the human bromodomain family. Cell 149: 214-231, 2012. 2. Flynn, E. M., Huang, O. W., Poy, F., Oppikofer, M., Bellon, S. F., Tang, Y., Cochran, A. G. A subset of human bromodomains recognizes butyryllysine and crotonyllysine histone peptide modifications. Structure 23: 1801-1814, 2015. 3. Gross, M. B. Personal Communication. Baltimore, Md. 6/10/2019.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.

Handling

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.