Datasheet for ABIN7599784

anti-PARP9 antibody (AA 117-824)

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Overview

Quantity:	100 µg
Target:	PARP9
Binding Specificity:	AA 117-824
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PARP9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-PARP9 Antibody Picoband®
Immunogen:	E.coli-derived human PARP9 recombinant protein (Position: R117-E824).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PARP9 Antibody Picoband® (ABIN7599784). Tested in ELISA, 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:	PARP9
Alternative Name:	PARP9 (PARP9 Products)
Background:	Synonyms: PHD finger protein 21A; BHC80a; BRAF35-HDAC complex protein BHC80; PHF21A; BHC80; KIAA1696; BM-006 Tissue Specificity: Highly expressed in brain. Expressed at much lower level in other tissues. Background: Poly (ADP-ribosyl)ation is a post-translational modification of proteins mediated by one of the 17 members of the poly (ADP-ribose) polymerases (PARP). PARP-9 belongs to the subfamily of macroPARPs, associating one to three macro domains to the PARP domain. Overexpression of PARP-9 stimulates cell migration in vitro, suggesting a role for PARP-9 in the promotion of malignant B cell migration and dissemination in high risk DLBCL. PARP-9 is also likely a transcription coactivator, its overexpression in B lymphocytes, stimulated by IFNγ, inducing the transcription of IFNγ-controlled genes.
Molecular Weight:	96 kDa
Gene ID:	83666

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Mouse, Rat ELISA, 0.1-0.5 µg/mL, - 1. Aguiar, R. C. T., Takeyama, K., He, C., Kreinbrink, K., Shipp, M. A. B-aggressive lymphoma family proteins have unique domains that modulate transcription and exhibit poly(ADP-ribose) polymerase activity. J. Biol. Chem. 280: 33756-33765, 2005. 2. Aguiar, R. C. T., Yakushijin, Y., Kharbanda, S., Salgia, R., Fletcher, J. A., Shipp, M. A. BAL is a novel risk-related gene in diffuse large B-cell lymphomas that enhances cellular migration. Blood 96: 4328-4334, 2000. 3. Juszczynski, P., Kutok, J. L., Li, C., Mitra, J., Aguiar, R. C. T. BAL1 and BBAP are regulated by a gamma interferon-responsive biional promoter and are overexpressed in diffuse large B-cell lymphomas with a prominent inflammatory infiltrate. Molec. Cell. Biol. 26: 5348-5359, 2006.
Restrictions:	For Research Use only

Handling

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

Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	Store 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 freeze-thaw cycles.

