

**DATASHEET**

**DTX3L Rabbit Polyclonal Antibody**

CAT. NO. APA17442

**KEY FEATURES**

Target	DTX3L	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

**BACKGROUND**

E3 ubiquitin-protein ligase which, in association with ADP-ribosyltransferase PARP9, plays a role in DNA damage repair and in interferon-mediated antiviral responses . Monoubiquitinates several histones, including histone H2A, H2B, H3 and H4 . In response to DNA damage, mediates monoubiquitination of 'Lys-91' of histone H4 (H4K91ub1) . The exact role of H4K91ub1 in DNA damage response is still unclear but it may function as a licensing signal for additional histone H4 post-translational modifications such as H4 'Lys-20' methylation (H4K20me) . PARP1-dependent PARP9-DTX3L-mediated ubiquitination promotes the rapid and specific recruitment of 53BP1/TP53BP1, UIMC1/RAP80, and BRCA1 to DNA damage sites .

**APPLICATION**

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

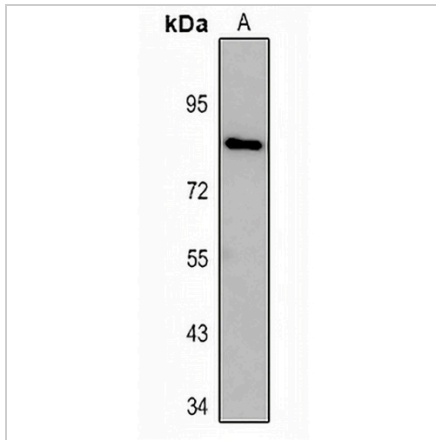
Description	Rabbit polyclonal antibody to DTX3L
Specificity	Recognizes endogenous levels of DTX3L protein.
Antibody Type	Primary antibody
Immunogen	Recombinant protein corresponding to human DTX3L. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 83 kD; Observed: 84 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	BBAP; E3 ubiquitin-protein ligase DTX3L; B-lymphoma- and BAL-associated protein; Protein deltex-3-like; Rhysin-2; Rhysin2
Gene Symbol	DTX3L
Entrez Gene	151636(Human); 209200(Mouse)
SwissProt	Q8TDB6(Human); Q3UIR3(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of DTX3L expression in mouse thymus (A) whole cell lysates.  
(Predicted band size: 83 kD; Observed band size: 84 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.