



[Go to Product page](#)

Datasheet for ABIN2559608  
**anti-DTX3L antibody (AA 651-740)**

2 Images

### Overview

Quantity:	100 µL
Target:	DTX3L
Binding Specificity:	AA 651-740
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DTX3L antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DTX3L
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	DTX3L
---------	-------

## Target Details

---

Alternative Name:	DTX3L ( <a href="#">DTX3L Products</a> )
Background:	<p>Synonyms: BBAP, E3 ubiquitin-protein ligase DTX3L, B-lymphoma- and BAL-associated protein, Protein deltex-3-like, Rhysin-2, Rhysin2, DTX3L</p> <p>Background: Ubiquitin ligase that mediates monoubiquitination of 'Lys-91' of histone H4 (H4K91ub1), in response to DNA damage. Protects cells exposed to DNA-damaging agents. 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). Involved in the recruitment of 53BP1/TP53BP1 to sites of DNA damage by mediating H4K91ub1 formation. In concert with PARP9, plays a role in PARP1-dependent DNA damage repair. PARP1-dependent PARP9-DTX3L-mediated ubiquitination promotes the rapid and specific recruitment of 53BP1/TP53BP1, UIMC1/RAP80, and BRCA1 to DNA damage sites.</p>
Gene ID:	151636
UniProt:	<a href="#">Q8TDB6</a>
Pathways:	<a href="#">Notch Signaling</a>

## Application Details

---

Application Notes:	ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

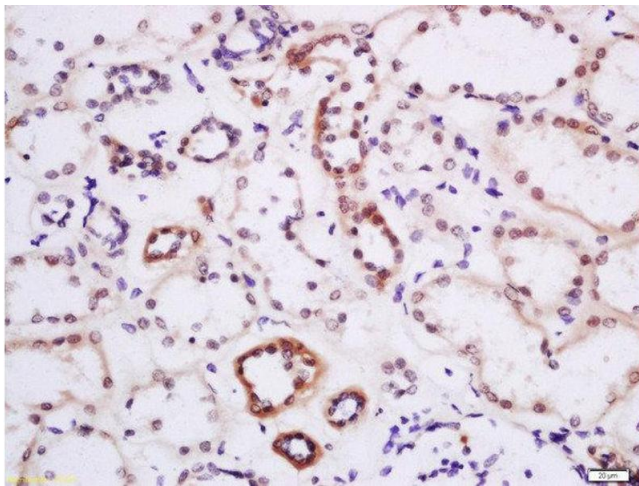
---

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

## Handling

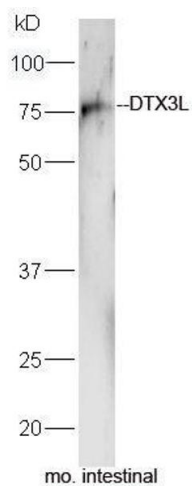
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin embedded human kidney labeled with Anti-DTX3L Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining.



### Western Blotting

**Image 2.** Mouse intestinal lysate probed with Rabbit Anti-DTX3L Polyclonal Antibody, Unconjugated at 1:5000 for 90min at 37°C.