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anti-DTX3L antibody (AA 651-740) (AbBy Fluor® 350)



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Quantity:	100 μL	
Target:	DTX3L	
Binding Specificity:	AA 651-740	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This DTX3L antibody is conjugated to AbBy Fluor® 350	
Application:	Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

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
Alternative Name:	DTX3L (DTX3L Products)

Target Details

Background:	Synonyms: BBAP, E3 ubiquitin-protein ligase DTX3L, B-lymphoma- and BAL-associated protein,	
	Protein deltex-3-like, Rhysin-2, Rhysin2, DTX3L	
	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.	
Gene ID:	151636	
UniProt:	Q8TDB6	
Pathways:	Notch Signaling	
Application Details		
Application Notes:	FCM 1:20-100	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and	
	50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be	
	handled by trained staff only.	
Storage:	-20 °C	

Handling

Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months