

## anti- DTX3L antibody

### Product Information

Catalog No.:	FNab02556
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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.

### Immunogen information

Immunogen:	deltex 3-like(Drosophila)
Synonyms:	BBAP
Observed MW:	84 kDa
UniprotID :	Q8TDB6

### Application

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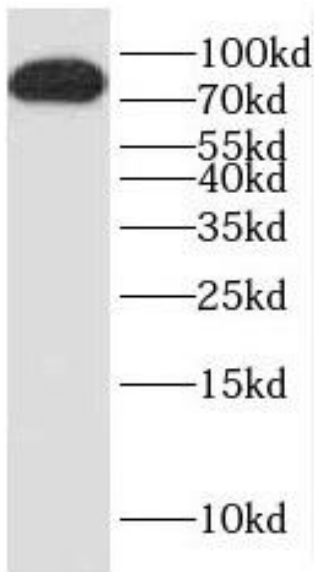
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Reactivity: Human  
Tested Application: ELISA, WB  
Recommended dilution: WB: 1:500-1:2000  
Image:



MCF-7 cells were subjected to SDS PAGE followed by western blot with FNab02556(DTX3L antibody) at dilution of 1:600

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