SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-DTX3 antibody

Catalog Number: SL14437R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DTX3
Immunogen:	KLH conjugated synthetic peptide derived from human DTX3: 1-100/347
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Pig, Cow, Horse, Rabbit, Sheep)
Predicted MW.:	38kDa
Subcellular Location:	cytoplasmic
Background:	DTX3 functions as an E3 ubiquitin ligase (Takeyama et al., 2003 [PubMed 12670957]).[supplied by OMIM, Nov 2009] **Function:** Regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations. Probably acts both as a positive and negative regulator of Notch, depending on the developmental and cell context (By similarity). Functions as an ubiquitin ligase protein in vitro, suggesting that it may regulate the Notch pathway via some ubiquitin ligase activity. **Subunit:** Homodimer. May form a heterodimers with other members of the Deltex family. Interacts with NOTCH1 (By similarity). **Subcellular Location:** Cytoplasm.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Similarity: Belongs to the Deltex family. Contains 1 RING-type zinc finger. **Database links:** **Entrez Gene:** 196403 Human **Entrez Gene:** 80904 Mouse Omim: 613142 Human **SwissProt:** Q8N9I9 Human **SwissProt:** Q80V91 Mouse **Unigene:** 32374 Human **Unigene:** 271724 Mouse

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