10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DTX3 Rabbit pAb

Catalog # AP97931

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q8N9I9
Other Accession	Q8N9I9
Predicted	Rat, Pig, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37988
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DTX3
Epitope Specificity	1-100/347
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the Deltex family. Contains 1 RING-type zinc finger.
SUBUNIT	Homodimer. May form a heterodimers with other members of the Deltex family. Interacts with NOTCH1 (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	DTX3 functions as an E3 ubiquitin ligase (Takeyama et al., 2003 [PubMed 12670957]).[supplied by OMIM, Nov 2009]

Additional Information

Gene ID	196403
Other Names	RNF154; deltex3; mg310; DTX3_HUMAN; DTX3; Protein deltex-3 (Deltex3); RING finger protein 154; RING-type E3 ubiquitin transferase DTX3; 2.3.2.27; DTX3_MOUSE; Protein deltex-3 (Deltex3 | mDTX3); deltex E3 ubiquitin ligase 3; deltex 3 homolog (Drosophila); deltex homolog 3 (Drosophila)
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	DTX3

Synonyms	RNF154
Function	Functions as an ubiquitin ligase protein, and regulates Notch signaling (PubMed:35782979, PubMed:40127622). By promoting the ubiquitination and subsequent degradation of target proteins, it can block activation of the Notch signaling pathway, potentially acting as a tumor suppressor in human cancers (PubMed:31854042, PubMed:35782979, PubMed:40127622).
Cellular Location	Cytoplasm. Nucleus

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.