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DTX3 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13476a

Product Information

Application	WB, E
Primary Accession	Q8N9I9
Other Accession	Q80V91, NP_848597.1
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB33327
Calculated MW	37988
Antigen Region	20-48

Additional Information

Gene ID	196403
Other Names	Probable E3 ubiquitin-protein ligase DTX3, 632-, Protein deltex-3, Deltex3, RING finger protein 154, DTX3, RNF154
Target/Specificity	This DTX3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 20-48 amino acids from the N-terminal region of human DTX3.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	DTX3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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

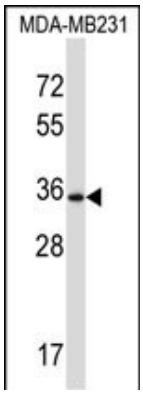
Background

DTX3 functions as an E3 ubiquitin ligase (Takeyama et al., 2003 [PubMed 12670957]).

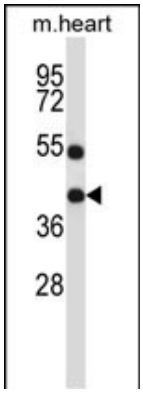
References

Chastagner, P., et al. EMBO Rep. 7(11):1147-1153(2006)
Takeyama, K., et al. J. Biol. Chem. 278(24):21930-21937(2003)
Kishi, N., et al. Int. J. Dev. Neurosci. 19(1):21-35(2001)
Matsuno, K., et al. Development 121(8):2633-2644(1995)

Images



DTX3 Antibody (N-term) (Cat. #AP13476a) western blot analysis in MDA-MB231 cell line lysates (35ug/lane).This demonstrates the DTX3 antibody detected the DTX3 protein (arrow).



DTX3 Antibody (N-term) (Cat. #AP13476a) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the DTX3 antibody detected the DTX3 protein (arrow).

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