

DTX4 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8872a

Specification

DTX4 Antibody (N-term) - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	Q9Y2E6
Other Accession	Q6PDK8
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	67258
Antigen Region	56-83

DTX4 Antibody (N-term) - Additional Information

Gene ID 23220

Other Names

E3 ubiquitin-protein ligase DTX4, 632-, Protein deltex-4, Deltex4, RING finger protein 155, DTX4, KIAA0937, RNF155

Target/Specificity

This DTX4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 56-83 amino acids from the N-terminal region of human DTX4.

Dilution

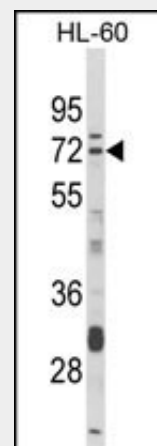
WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

Format

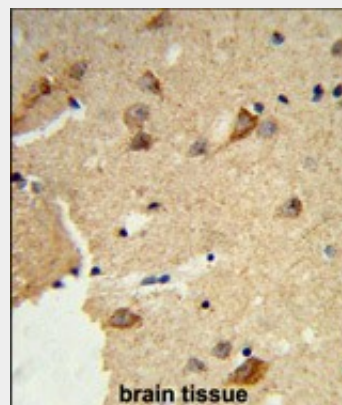
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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.



Western blot analysis of DTX4 Antibody (N-term) (Cat. #AP8872a) in HL-60 cell line lysates (35ug/lane). DTX4 (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human brain tissue reacted with DTX4 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Precautions

DTX4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

DTX4 Antibody (N-term) - Protein Information

Name DTX4

Synonyms KIAA0937, RNF155

Function

Regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations (By similarity). Functions as a ubiquitin ligase protein in vivo, mediating 'Lys48'-linked polyubiquitination and promoting degradation of TBK1, targeting to TBK1 requires interaction with NLRP4.

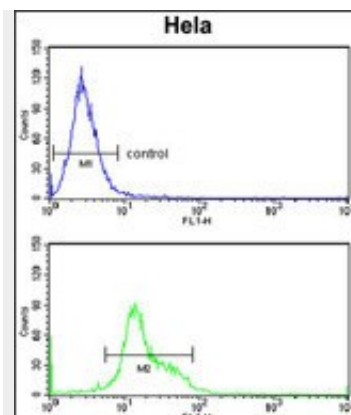
Cellular Location

Cytoplasm.

DTX4 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



DTX4 Antibody (N-term) (Cat. #AP8872a) flow cytometry analysis of HeLa cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

DTX4 Antibody (N-term) - Background

DTX4 is a regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations

DTX4 Antibody (N-term) - References

Storck, S., et al., Mol. Cell. Biol. 25 (4), 1437-1445 (2005)