

DTX2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9002b**Specification**

DTX2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q86UW9](#)**DTX2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 113878**Other Names**

Probable E3 ubiquitin-protein ligase DTX2, 632-, Protein deltex-2, Deltex2, hDTX2, RING finger protein 58, DTX2, KIAA1528, RNF58

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9002b](/products/AP9002b) was selected from the C-term region of human DTX2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DTX2 Antibody (C-term) Blocking Peptide - Protein Information**Name** DTX2**Synonyms** KIAA1528, RNF58**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. Mediates the antineural activity of Notch, possibly by inhibiting the transcriptional activation mediated by MATCH1. Functions as a ubiquitin ligase protein in vitro, suggesting that it may regulate the Notch pathway via some ubiquitin ligase activity.

Cellular Location

Cytoplasm. Nucleus. Note=Predominantly cytoplasmic Partially nuclear.

DTX2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

DTX2 Antibody (C-term) Blocking Peptide - Images

DTX2 Antibody (C-term) Blocking Peptide - Background

DTX2 is a regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations. It probably acts both as a positive and negative regulator of Notch, depending on the developmental and cell context. It mediates the antineural activity of Notch, possibly by inhibiting the transcriptional activation mediated by MATCH1. It functions as an ubiquitin ligase protein in vitro, suggesting that it may regulate the Notch pathway via some ubiquitin ligase activity.

DTX2 Antibody (C-term) Blocking Peptide - References

Yamamoto,N., et.al., J. Biol. Chem. 276 (48), 45031-45040 (2001)