

[Go to Product page](#)

Datasheet for ABIN6992091

**anti-Deltex Homolog 4 antibody (AA 230-280)**

## Overview

Quantity:	0.1 mg
Target:	Deltex Homolog 4 (DTX4)
Binding Specificity:	AA 230-280
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Deltex Homolog 4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	DTX4 antibody was raised against a 19 amino acid peptide near the center of human DTX4. The immunogen is located within amino acids 230 - 280 of DTX4.
Isotype:	IgG
Specificity:	DTX4 antibody is human and mouse reactive. At least two isoforms of DTX4 are known to exist, this antibody will detect both isoforms. DTX4 antibody is predicted to not cross-react with other DTX protein family members.
Purification:	DTX4 antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	Deltex Homolog 4 (DTX4)
---------	-------------------------

## Target Details

Alternative Name:	DTX4 ( <a href="#">DTX4 Products</a> )
Background:	The Deltex 4 E3 ubiquitin ligase (DTX4) is a member of a protein family that is involved in Notch signaling and neurogenesis (1). Recent studies have shown that DTX4 is also associated with the innate immune response (2). Following the activation of type I interferon signaling, the Nod-like receptor protein 4 (NLRP4) recruits DTX4 for Lys48-linked polyubiquitination and degradation of the kinase TBK1 (NAK), thereby maintaining immune homeostasis during antiviral innate immunity (2).
Molecular Weight:	Predicted: 68 kDa  Observed: 68 kDa
Gene ID:	23220
NCBI Accession:	<a href="#">NP_055992</a>
UniProt:	<a href="#">Q9Y2E6</a>
Pathways:	<a href="#">Notch Signaling</a>

## Application Details

Application Notes:	DTX4 antibody can be used for detection of DTX4 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.  Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	DTX4 antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Handling

---

Storage: -20 °C, 4 °C

---

Storage Comment: DTX4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.