

## DXT1 Conjugated Antibody

Catalog No: #C36825



Package Size: #C36825-AF350 100ul #C36825-AF405 100ul #C36825-AF488 100ul  
 #C36825-AF555 100ul #C36825-AF594 100ul #C36825-AF647 100ul  
 #C36825-AF680 100ul #C36825-AF750 100ul #C36825-Biotin 100ul

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## Description

Product Name	DXT1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total DXT1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human deltex homolog 1 (Drosophila)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	hDx-1
Accession No.	Swiss-Prot#:Q86Y01 NCBI Gene ID:1840NCBI Protein#:NP_004407
Uniprot	Q86Y01
GeneID	1840;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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Protein deltex-1 is a protein that in humans is encoded by the DTX1 gene. Studies in *Drosophila* have identified this gene as encoding a positive regulator of the Notch-signaling pathway. The human gene encodes a protein of unknown function; however, it may play a role in basic helix-loop-helix transcription factor activity. DTX1 has been shown to interact with EP300. Functions as an ubiquitin ligase protein *in vivo*, mediating ubiquitination and promoting degradation of MEKK1, suggesting that it may regulate the Notch pathway via some ubiquitin ligase activity.

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Note: This product is for *in vitro* research use only