Datasheet for ABIN7303422

anti-DDX3X antibody (pSer322)

3 Images

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Overview

Quantity:	100 µL
Target:	DDX3X
Binding Specificity:	pSer322
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX3X antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DDX3X.
Specificity:	Recognizes endogenous levels of DDX3X (pT322) protein.
Characteristics:	Rabbit polyclonal antibody to DDX3X (pT322)
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	DDX3X
Alternative Name:	DDX3X (DDX3X Products)

Target Details

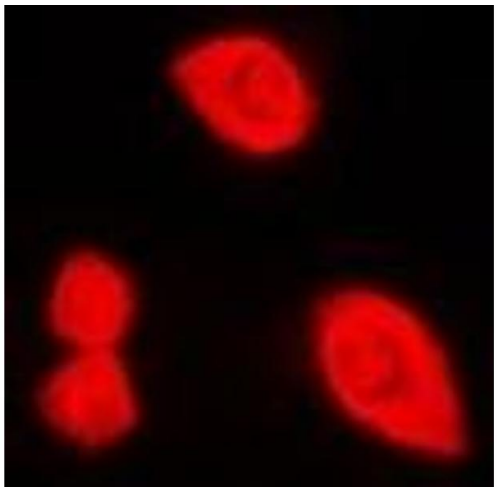
Background:	DBX, DDX3, ATP-dependent RNA helicase DDX3X, DEAD box protein 3, X-chromosomal, DEAD box, X isoform, Helicase-like protein 2, HLP2
Gene ID:	1654
UniProt:	O00571
Pathways:	Ribonucleoprotein Complex Subunit Organization, Positive Regulation of Endopeptidase Activity , Negative Regulation of intrinsic apoptotic Signaling, Ribosome Assembly

Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:100)
Restrictions:	For Research Use only

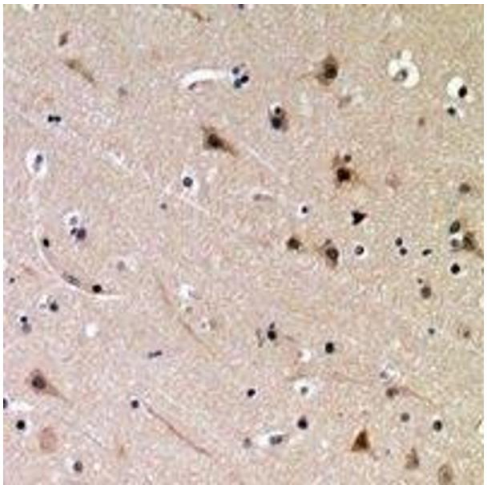
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



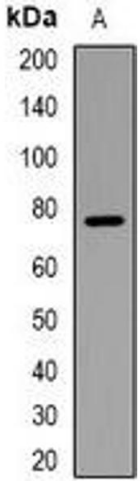
Immunofluorescence

Image 1. Immunofluorescent analysis of DDX3X (pT322) staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary a



Immunohistochemistry

Image 2. Immunohistochemical analysis of DDX3X (pT322) staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated wi



Western Blotting

Image 3. Western blot analysis of DDX3X (pT322) expression in HeLa TNFa-treated (A) whole cell lysates.