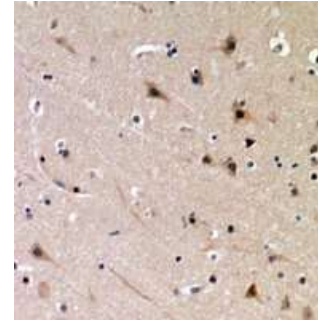


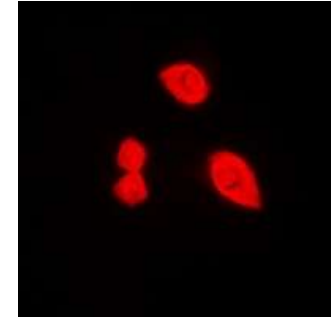
Phospho-DDX3X (Thr322) Antibody

CATALOG NO:	A1155-100
ALTERNATIVE NAMES:	DBX, DDX3, ATP-dependent RNA helicase DDX3X, DEAD box protein 3 X-chromosomal; DEAD box X isoform, Helicase-like protein 2, HLP2
AMOUNT:	100 µl
IMMUNOGEN:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human DDX3X
HOST/ISOTYPE:	Rabbit IgG
CLONALITY:	Polyclonal
SPECIFICITY:	Recognizes endogenous levels of DDX3X (pT322) protein
SPECIES REACTIVITY:	Human
PURIFICATION:	The antibody was purified by affinity chromatography
FORM:	Liquid
FORMULATION:	Supplied in 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
STORAGE CONDITIONS:	Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	Multifunctional ATP-dependent RNA helicase. The ATPase activity can be stimulated by various ribo- and deoxynucleic acids indicative for a relaxed substrate specificity. In vitro can unwind partially double-stranded DNA with a preference for 5'-single-stranded DNA overhangs. Is involved in several steps of gene expression, such as transcription, mRNA maturation, mRNA export and translation. However, the exact mechanisms are not known and some functions may be specific for a subset of mRNAs. Involved in transcriptional regulation. Can enhance transcription from the CDKN1A/WAF1 promoter in a SP1-dependent manner. Found associated with the E-cadherin promoter and can down-regulate transcription from the promoter.
APPLICATION:	WB; 1:500 – 1:2000, IHC; 1:50 – 1:200, IF/IC; 1:50 – 1:100

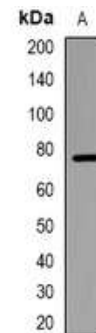
Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Immunohistochemical analysis of DDX3X (pT322) staining in human brain formalin fixed paraffin embedded tissue section.



Immunofluorescence analysis of DDX3X (pT322) staining in HeLa cells



Western blot analysis of DDX3X (pT322) expression in HeLa TNF α -treated (A) whole cell lysates

RELATED PRODUCTS:

- Nucleophosmin Antibody (**Cat. No. 6663-100**)
- Nucleophosmin (hNPM), human recombinant (**Cat. No. 7258-20, 100, -1000**)
- NPM Antibody (**Cat. No. 3425-100**)
- Histone Protein (**Cat. No. 1136-10**)
- Histone H2A (1-129 aa), Xenopus recombinant (**Cat. No. 7668-100, -250**)
- Histone H2B (1-123 aa), Xenopus recombinant (**Cat. No. 7669-100, -250**)
- Histone H3 (1-136 aa), Human recombinant (**Cat. No. 7670-100, -250**)

FOR RESEARCH USE ONLY! Not to be used on humans.