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12-8518: Anti-Human DDX3 (NT)

Clonality :	Polyclonal
Application :	IHC-Fr,IHC,WB
Reactivity :	Human
Alternative Name :	Dead Box Polypeptide 3 X-Linked, DBX, Helicase-Like Protein 2

Description

Specificity: Rabbit Anti-Human DDX3 recognizes an epitope near the N-terminus of Human and Mouse DDX3. This polyclonal antibody was purified using affinity chromatography.

Background: DDX3 contains all of the motifs of the DEAD-box family of RNA helicases, including the Asp-Glu-Ala-Asp sequence that gives the protein family its name and distinguishes it from other RNA helicases. DDX3 is localized to the X chromosome and has a highly conserved functional homolog (DBY) on the Y chromosome. DDX3 is thought to be involved in RNA splicing, RNA transport, and translation initiation. It has also been shown to be involved in cell growth control and is deregulated in hepatitis virus-associated hepatocellular carcinoma. Recent experiments suppressing DDX3 expression blocked HIV-1 RNA export from the nucleus, suggesting that DDX3 functions as a shuttling protein that transports the HIV-1 protein Rev and its cofactor CRM1 from the nucleus to the cytoplasm.

Product Info

Amount :	20 µg / 0.1 mg
Content :	Concentration: 0.5 mg/ml Formulation: This polyclonal antibody is formulated in phosphate buffered saline (PBS) pH 7.4 containing 0.02% sodium azide as a preservative.
Storage condition :	This polyclonal antibody is stable for at least one week when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at –20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.