

12-8512: Anti-Human DDX3 (Intermediate Domain)

Clonality : Polyclonal
Application : 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 in the intermediate domain of Human, Mouse and Rat 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.^{1,2} DDX3 is localized to the X chromosome and has a highly conserved functional homolog (DBY) on the Y chromosome.³ DDX3 is thought to be involved in RNA splicing, RNA transport, and translation initiation.⁴ 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
Concentration: 0.5 mg/ml
Content : 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.