

DDX3 Rabbit pAb

Catalog Number: bs-25034R

Target Protein: DDX3

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human (predicted:Mouse, Rat, Rabbit, Dog)

Predicted MW: 73 kDa

Entrez Gene: 1654

Swiss Prot: O00571

Source: KLH conjugated synthetic peptide derived from human DDX3: 71-170/662.

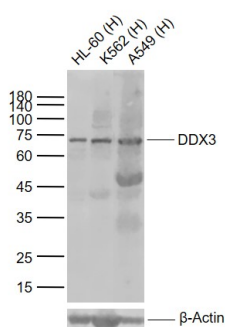
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: DDX3 is involved in RNA metabolism. Two DDX3 paralogs are found in humans; DDX3X is encoded by a gene found on the X chromosome while DDX3Y is encoded by a gene on the Y chromosome. DDX3Y is exclusively expressed in testis and is required for normal spermatogenesis. DDX3X is ubiquitously expressed and predominantly localizes to the nuclear speckles, participating in RNA splicing, transcription, translation initiation, mRNA transport and cell cycle regulation. DDX3X also partakes in HIV-1 replication and hepatitis C viral infections.

VALIDATION IMAGES



Sample: Lane 1: Human HL-60 cell lysates Lane 2: Human K562 cell lysates Lane 3: Human A549 cell lysates
Primary: Anti-DDX3 (bs-25034R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 73 kDa Observed band size: 73 kDa

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.955] Yan Zhang. et al. miRNA155-5P participated in DDX3X targeted regulation of pyroptosis to attenuate renal ischemia/reperfusion injury.. AGING-US. 2023 May;15: WB ; Human . 37142295