

**bs-12190R****[ Primary Antibody ]****phospho-DDX3 (Thr322) Rabbit pAb**

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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ICC/IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> (predicted: Human, Mouse, Rat, Pig, Sheep, Cow, Chicken, Dog, Horse)  <b>Predicted MW.:</b> 73 kDa  <b>Subcellular Location:</b> Cytoplasm ,Nucleus
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 1654	<b>SWISS:</b> O00571	
<b>Target:</b> DDX3 (Thr322)		
<b>Immunogen:</b> KLH conjugated synthesised phosphopeptide derived from human DDX3 around the phosphorylation site of Thr322: VA(p-T)PG.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> 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.		

**— SELECTED CITATIONS —**

- **[IF=4]** Hao Dong. et al. Japanese encephalitis virus NS1 inhibits IFN- $\beta$  production by interacting with DDX3X. J VIROL. 2025 四月 15 ColP ;Mesocricetus auratus. 40231822