bs-8005R **[Primary Antibody]**

phospho-DDX5 (Tyr593) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 1655 **SWISS:** P17844

Target: DDX5 (Tyr593)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human DDX5 around the phosphorylation site of Tyr593: QA(p-Y)AY.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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: p68 RNA helicase is a nuclear protein that exhibits RNA-dependent ATPase activity. Phosphorylation by protein kinase C inhibits p68 RNA helicase activity. p68 RNA helicase appears to play a role in organ differentiation during development. Furthermore, p68 RNA helicase is expressed in early neural development and in various mesodermal tissues in a number of different chordate embryos. At the cellular level, the expression levels of p68 RNA helicase increases in serum-induced quiescent cell lines. p68 RNA helicase may function as a coactivator for estrogen receptor alpha. Additionally, p68 RNA helicase associates with transcriptional coactivators CBP and p300. p68 RNA helicase localizes to the nucleus under normal conditions. During late telophase, p68 RNA helicase and fibrillarin colocalize to nascent nucleoli. p68 RNA helicase may function as a heterodimer with p72 RNA helicase.

Applications: **WB** (1:500-1:2000)

Reactivity: Human (predicted: Mouse, Rat, Cow, Horse)

Predicted MW.: 69 kDa

Subcellular Location: Nucleus

SELECTED CITATIONS

- **[IF=9.995]** Alberto Gualtieri. et al. The RNA helicase DDX5 cooperates with EHMT2 to sustain alveolar rhabdomyosarcoma growth. CELL REP. 2022 Aug;40:111267 WB ;Human. 36044855