

Product datasheet for **TA392939**

DDX5 Rabbit Polyclonal Antibody

Product data:

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|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB: 1:500~1:1000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide derived from human p68 RNA Helicase around the phosphorylation site of Y593. |
| Specificity: | p68 RNA Helicase (phospho-Y593) polyclonal antibody detects endogenous levels of p68 RNA Helicase protein only when phosphorylated at Tyr593. |
| Formulation: | Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2 |
| Concentration: | 1mg/ml |
| Conjugation: | Unconjugated |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles. |
| Stability: | 1 year |
| Predicted Protein Size: | ~ 68 kDa |
| Gene Name: | DEAD-box helicase 5 |
| Database Link: | Entrez Gene 1655 Human P17844 |



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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 increase in serum-induced quiescent cell lines. p68 RNA Helicase may function as a coactivator for estrogen receptor α . 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 co-localize to nascent nucleoli. p68 RNA Helicase may function as a heterodimer with p72 RNA Helicase.

Synonyms:

68kD); ATP dependent RNA helicase DDX5; DDX 5; DDX5; Ddx5; DEAD (Asp Glu Ala Asp) box helicase 5; DEAD (Asp Glu Ala Asp) box polypeptide 5; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 5 (RNA helicase 68kDa); DEAD/H (Asp Glu Ala Asp/His) box polypeptide 5; DEAD/H (Asp Glu Ala Asp/His) box polypeptide 5 (RNA helicase; DEAD/H box-5 (RNA helicase 68kD); DEAD box 5; DEAD box protein 5; DKFZp686J01190; G17P1; HELR; HLR 1; HLR1; HUMP68; P68; p68 RNA he

Note:

For research use only, not for use in diagnostic procedure.

Product images: