

Product datasheet for TA392939

DDX5 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications:

Recommended Dilution: WB: 1:500~1:1000 Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: lgG

Polyclonal Clonality:

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

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles. Storage:

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.

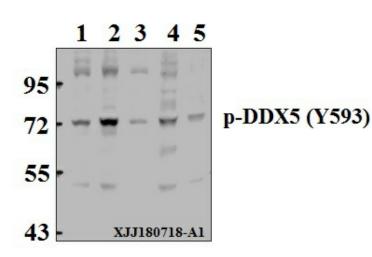
Synonyms:

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:



Western blot (WB) analysis of p68 RNA Helicase (phospho-Y593) polyclonal antibody at 1:500 dilution Lane1:MCF-7 whole cell lysate(40µg) Lane2:A375 whole cell lysate(40µg) Lane3:U-87MG whole cell lysate(40µg) Lane4:CT-26 whole cell lysate(40µg) Lane5:C6 whole cell lysate(40µg)