

Datasheet for ABIN1387377
anti-DDX5 antibody (AA 301-430)



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Overview

Quantity:	100 µL
Target:	DDX5
Binding Specificity:	AA 301-430
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DDX5/p68 RNA Helicase
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DDX5
Alternative Name:	DDX5 (DDX5 Products)
Background:	Synonyms: ATP dependent RNA helicase DDX5, DDX 5, Ddx5, DDX5_HUMAN, DEAD Asp Glu Ala

Target Details

Asp box helicase 5, DEAD Asp Glu Ala Asp box polypeptide 5, DEAD box 5, DEAD box protein 5, DEAD/H Asp Glu Ala Asp/His box polypeptide 5 RNA helicase, 68kD, DEAD/H Asp Glu Ala Asp/His box polypeptide 5, DEAD/H Asp-Glu-Ala-Asp/His box polypeptide 5 RNA helicase 68 kDa, DEAD/H box-5 RNA helicase 68kD, DKFZp686J01190, G17P1, HELR, HLR 1, HLR1, HUMP68, P68, P68, p68 RNA helicase, Probable ATP dependent RNA helicase DDX5, Probable ATP-dependent RNA helicase DDX5, RNA helicase 68kD, RNA helicase p68, RNA-dependent ATPase.

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.

Gene ID:	1655
UniProt:	P17844
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling , Nuclear Hormone Receptor Binding , Regulation of Muscle Cell Differentiation , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months