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anti-DDX5 antibody (AA 1-290)





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Quantity:	100 μL
Target:	DDX5
Binding Specificity:	AA 1-290
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Probable ATP-dependent RNA helicase DDX5 protein (1-290AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	DDX5
Alternative Name:	DDX5 (DDX5 Products)
Background:	Background: Involved in the alternative regulation of pre-mRNA splicing, its RNA helicase
	activity is necessary for increasing tau exon 10 inclusion and occurs in a RBM4-dependent

manner. Binds to the tau pre-mRNA in the stem-loop region downstream of exon 10. The rate of ATP hydrolysis is highly stimulated by single-stranded RNA. Involved in transcriptional regulation, the function is independent of the RNA helicase activity. Transcriptional coactivator for estrogen receptor ESR1 and androgen receptor AR. Increases ESR1 AF-1 domain-mediated transactivation and ESR1 AF-1 and AF-2 domains transcriptional synergistic activity. Synergizes with DDX17 and SRA1 RNA to activate MYOD1 transcriptional activity and involved in skeletal muscle differentiation. Transcriptional coactivator for p53/TP53 and involved in p53/TP53 transcriptional response to DNA damage and p53/TP53-dependent apoptosis. Transcriptional coactivator for RUNX2 and involved in regulation of osteoblast differentiation. Acts as transcriptional repressor in a promoter-specicic manner, the function probbaly involves association with histone deacetylases, such as HDAC1. As component of a large PER complex is involved in the inhibition of 3\\\' transcriptional termination of circadian target genes such as PER1 and NR1D1 and the control of the circadian rhythms.

Aliases: ATP dependent RNA helicase DDX5 antibody, DDX 5 antibody, Ddx5 antibody, DDX5_HUMAN antibody, DEAD (Asp Glu Ala Asp) box helicase 5 antibody, DEAD (Asp Glu Ala Asp) box polypeptide 5 antibody, DEAD box 5 antibody, DEAD box protein 5 antibody, DEAD/H (Asp Glu Ala Asp/His) box polypeptide 5 (RNA helicase, 68kD) antibody, G17P1 antibody, HELR antibody, HLR1 antibody, HUMP68 antibody, P68 antibody, p68 RNA helicase antibody, Probable ATP dependent RNA helicase DDX5 antibody, Probable ATP-dependent RNA helicase DDX5 antibody, RNA helicase p68 antibody

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: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format:

Buffer:

PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

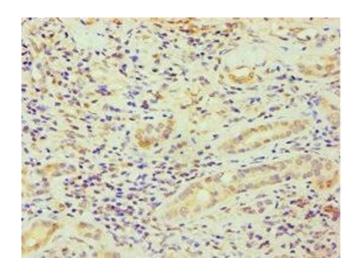
Preservative:

Sodium azide

Handling

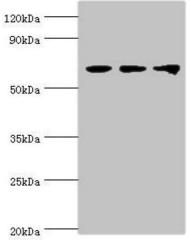
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



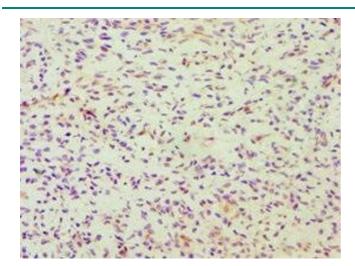
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7164363 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: Probable ATP-dependent RNA helicase DDX5 antibody at 3 μ g/mL Lane 1: NIH/3T3 whole cell lysate Lane 2: Hela whole cell lysate Lane 3: 293T whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 70, 61 kDa Observed band size: 70 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7164363 at dilution of 1:100

Please check the product details page for more images. Overall 4 images are available for ABIN7164363.