

Datasheet for ABIN359623
anti-DDX5 antibody (C-Term)



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Overview

Quantity:	0.4 mL
Target:	DDX5
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX5 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human DDX5.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to DDX5.
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS

Target Details

Target:	DDX5
Alternative Name:	DDX5 (DDX5 Products)
Background:	DDX5 is putative RNA helicases. The protein is implicated in a number of cellular processes

Target Details

involving alteration of RNA secondary structure, such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This protein is a RNA-dependent ATPase, and also a proliferation-associated nuclear antigen, specifically reacting with the simian virus 40 tumor antigen. Synonyms: DDX-5, DEAD box protein 5, G17P1, HELR, HLR1, Probable ATP-dependent RNA helicase DDX5, RNA helicase p68

Gene ID:	1655, 9606
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:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Publications

Product cited in: Daub, Olsen, Bairlein, Gnad, Oppermann, Körner, Greff, Kéri, Stemmann, Mann: "Kinase-selective enrichment enables quantitative phosphoproteomics of the kinome across the cell cycle." in: **Molecular cell**, Vol. 31, Issue 3, pp. 438-48, (2008) ([PubMed](#)).

Images



Western Blotting

Image 1. Western blot analysis of DDX5 antibody (C-term) in T47D cell line lysates (35ug/lane). DDX5 (arrow) was detected using the purified Pab