Datasheet for ABIN452908

anti-DDX5 antibody (Middle Region)

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Overview

Quantity:	0.4 mL
Target:	DDX5
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide selected from the Center region of human DDX5
Specificity:	This antibody detects DDX5 at Center.
Cross-Reactivity (Details):	Species reactivity (tested):Human
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 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,

Target Details

	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
Molecular Weight:	69148 Da
Gene ID:	1655
NCBI Accession:	NP_004387
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:	Western blot: 1: 50 - 1: 100. ELISA: 1: 1,000. 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 at 2 - 8 °C up to 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

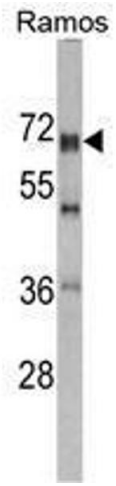

Image 1.