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Datasheet for ABIN2775205 anti-DDX39 antibody (N-Term)

1 Image

1 Publication



Overview

Quantity:	100 μL
Target:	DDX39
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX39 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DDX39	
Sequence:	MAEQDVENDL LDYDEEEEPQ APQESTPAPP KKDIKGSYVS IHSSGFRDFL	
Predicted Reactivity:	Cow: 77%, Dog: 79%, Guinea Pig: 79%, Human: 100%, Mouse: 93%, Rat: 86%	
Characteristics:	This is a rabbit polyclonal antibody against DDX39. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Protein A purified	
Target Details		
Target:	DDX39	

Target.	
Alternative Name:	DDX39 (DDX39 Products)

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Target Details	
Background:	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative
	RNA helicases. They are 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
	the DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis,
	and cellular growth and division. DDX39 encodes a member of this family. The function of this
	member has not been determined. Alternative splicing of this gene generates 2 transcript
	variants encoding different isoforms.
	Alias Symbols: BAT1, DDXL, BAT1L, DDX39, URH49
	Protein Interaction Partner: SAT1, SARNP, DDX39A, UBC, MDM2, EED, C12orf10, NAGK, SUGT1,
	AHSA1, SORD, SMS, GSR, PARP1, SRPK2, SOX2, FBX06, UBD, TERF2IP, TERF2, TERF1, SUM01,
	SUMO2, PTK2, Bud13, AI837181, Erh, UBA5, GBAS, ALYREF, BABAM1, EXOSC9, HIPK2, CCL14,
	DDX39B,
	Protein Size: 427
Molecular Weight:	47 kDa
Gene ID:	10212
NCBI Accession:	NM_005804, NP_005795
UniProt:	000148

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 427 AA
Restrictions:	For Research Use only

Handling

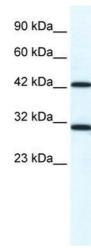
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

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	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Publications	
Product cited in:	Bortnik, Choutka, Horlings, Leung, Baker, Lebovitz, Dragowska, Go, Bally, Minchinton, Gelmon, Gorski: "Identification of breast cancer cell subtypes sensitive to ATG4B inhibition." in: Oncotarget , Vol. 7, Issue 41, pp. 66970-66988, (2016) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-DDX39 Antibody Titration: 1.25ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate DDX39A is supported by BioGPS gene expression data to be expressed in HepG2