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Datasheet for ABIN2775247

anti-DDX55 antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	DDX55
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Dog, Rat, Cow, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX55 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 DDX55
Sequence:	RELAIQIDEV LSHFTKHFPE FSQILWIGGR NPGEDVERFK QQGGNIIVAT
Predicted Reactivity:	Cow: 93%, Dog: 79%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against DDX55. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DDX55
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Target Details

Alternative Name:	DDX55 (DDX55 Products)
Background:	<p>DDX55 is a member of the DEAD box protein family. 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 this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. Multiple alternatively spliced transcript variants have been found for this gene, but the biological validity of only one transcript has been confirmed.</p> <p>Protein Interaction Partner: KRTAP10-8, AGTRAP, UBC, APP, CAND1, Protein Size: 600</p>
Molecular Weight:	66 kDa
Gene ID:	57696
NCBI Accession:	NM_020936 , NP_065987
UniProt:	Q8NHQ9

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 600 AA
Restrictions:	For Research Use only

Handling

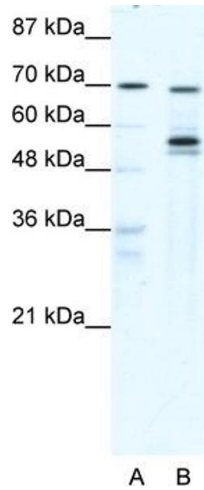
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-DDX55 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate