Datasheet for ABIN2775239

anti-DHX32 antibody (N-Term)

1 Image | 1 Publication

Go to Product page

Overview

Quantity:	100 µL
Target:	DHX32
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHX32 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 DHX32
Sequence:	EEEGLECPNS SSEKRYFPES LDSSDGDEEE VLACEDLELN PFDGLPYSSR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 92%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against DHX32. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DHX32

Target Details

Alternative Name:	DHX32 (DHX32 Products)
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 this DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. DHX32 is a member of this family. The function of this member has not been determined. Alternative splicing of this gene generates 2 transcript variants, but the full length nature of one of the variants has not been defined. 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 DEAD box protein family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a member of this family. The function of this member has not been determined. Alternative splicing of this gene generates 2 transcript variants, but the full length nature of one of the variants has not been defined. Alias Symbols: DDX32, DHLP1, FLJ10694, FLJ10889 Protein Interaction Partner: FAM161A, UBC, Protein Size: 743
Molecular Weight:	84 kDa
Gene ID:	55760
NCBI Accession:	NM_018180, NP_060650
UniProt:	Q7L7V1

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 743 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid

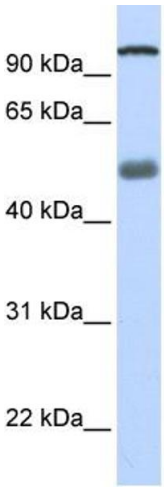
Handling

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.
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:	Majumder, Cash, Fisk: "Non-Overlapping Distributions and Functions of the VDAC Family in Ciliogenesis." in: **Cells**, Vol. 4, Issue 3, pp. 331-53, (2015) (PubMed). Majumder, Fisk: "VDAC3 and Mps1 negatively regulate ciliogenesis." in: **Cell cycle (Georgetown, Tex.)**, Vol. 12, Issue 5, pp. 849-58, (2013) (PubMed). Majumder, Slabodnick, Pike, Marquardt, Fisk: "VDAC3 regulates centriole assembly by targeting Mps1 to centrosomes." in: **Cell cycle (Georgetown, Tex.)**, Vol. 11, Issue 19, pp. 3666-78, (2012) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-DHX32 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Human Lung