

DHX32 Rabbit pAb

Catalog # AP98451

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q7L7V1
Other Accession	Q7L7V1
Reactivity	Rat
Predicted	Pig, Human, Mouse, Rabbit, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	84419
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DHX32
Epitope Specificity	561-660/743
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the DEAD box helicase family. DEAH subfamily. Contains 1 helicase ATP-binding domain. Contains 1 helicase C-terminal domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	DEAD-box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp, are putative RNA helicases implicated in several cellular processes involving modifications of RNA secondary structure and ribosome/spliceosome assembly. Based on their distribution patterns, some members of this family may be involved in embryogenesis, spermatogenesis, and cellular growth and division. DDX32 is a 743 amino acid nuclear protein that localizes to the mitochondria and is a member of the DEAD box helicase family. Expressed in various tissues, DDX32 is up-regulated by ionomycin in T lymphocytes and down-regulated in acute lymphoblastic leukemia. Considered a novel RNA helicase, DDX32 may play an important role in the development of colorectal cancer and may be involved in regulating T-cell response to certain apoptotic stimuli.

Additional Information

Gene ID	55760
Other Names	DDX32; DHLP1; 4732469F02Rik; muDDX32; DHX32_HUMAN; DHX32; DEAD/H box 32; DEAD/H helicase-like protein 1 (DHLP1); DEAH box protein 32; HuDDX32; 3.6.4.13; DHX32_MOUSE; DEAH-box helicase 32 (putative); DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 32; DEAH (Asp-Glu-Ala-His) box polypeptide 32; DEAD/H helicase-like protein 1; Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX32
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
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Protein Information

Name	DHX32
Synonyms	DDX32
Cellular Location	Nucleus. Mitochondrion
Tissue Location	Expressed in lymphoid tissues (at protein level). Expressed in brain, heart, skeletal muscle, colon, thymus, spleen, kidney, liver, small intestine, placenta, lung, lymphoid tissues and blood leukocytes.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.