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Datasheet for ABIN5001250

anti-DHX32 antibody (AA 561-660) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	DHX32
Binding Specificity:	AA 561-660
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DHX32 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DHX32
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DHX32
Alternative Name:	DHX32 (DHX32 Products)

Target Details

Background:	<p>Synonyms: Ddx32, DEAD/H Asp-Glu-Ala-Asp/His box polypeptide 32, DEAD/H box 32, DEAD/H helicase like protein 1, DEAH Asp-Glu-Ala-His box polypeptide 32, DEAH box protein 32, DHLP1, DHX32, Helicase DDX32, HuDDX32, Putative pre-mRNA-splicing factor ATP-dependent RNA helicase DHX32, DHX32_HUMAN.</p> <p>Background: 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.</p>
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months