

Anti-DHX32 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human,Mouse,Dog,Pig,Cow,Rabbit)
Molecular Weight:	Theoretical: 84 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Paraformaldehyde-fixed, paraffin embedded (rat liver); Antigen retrieval by microwave in sodium citrate buffer (pH6.0); Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes; Blocking buffer (3% BSA) at RT for 30 min; Antibody incubation with (DHX32) Polyclonal Antibody, Unconjugated (TMAB-05133) at 1:400 overnight at 4°C, followed by conjugation to the secondary antibody (labeled with HRP) and DAB staining.
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human DHX32
Antigen Species:	Human
Gene ID:	55760
Uniprot ID:	Q7L7V1

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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