



DHX30 Polyclonal Antibody

Catalog Number PA5-41298

Product Data Sheet

Details		Species Reactivity	
Size	100µl	Tested species reactivity	Bovine, Canine, Human, Mouse, Porcine, Rabbit
Host / Isotype	Rabbit / IgG	Tested Applications	Dilution *
Class	Polyclonal	Immunocytochemistry (ICC)	1:100
Type	Antibody	Immunofluorescence (IF)	1:100
Immunogen	Synthetic peptide directed towards the N-terminal of human DHX30	Immunohistochemistry (Paraffin) (IHC (P))	1:100
Conjugate	Unconjugated	Western Blot (WB)	0.2-1 µg/ml
Form	Liquid	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	0.5mg/ml		
Purification	Affinity Chromatography		
Storage Buffer	PBS with 2% sucrose		
Contains	0.09% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product Specific Information

Peptide sequence: AESGMAPGGP GEGDGSLVNA SRDLLKEFPQ PKNLLNSVIG RALGISHAKD

Sequence homology: Cow: 93%; Dog: 93%; Human: 100%; Mouse: 93%; Pig: 93%; Rabbit: 93%

Background/Target Information

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. DHX30 is a member of this 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 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 encoded protein has 97% sequence identity with the mouse HELG protein. Alternative splicing of this gene generates 3 transcript variants.

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