

DHX9 Polyclonal Antibody

Catalog NumberPA5-19112

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Goat / IgG	<div>Tested Applications</div> <div>Dilution *</div> <div>Western Blot (WB)</div> <div>1-3 µg/mL</div> <div>* 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.</div>	
Class	Polyclonal		
Type	Antibody		
Immunogen	Synthetic peptide sequence (TEGRNALIHKSSVNC) corresponding to the internal amino acids of DHX9		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Purification	Ammonium sulfate precipitation		
Storage buffer	TBS, pH 7.3, with 0.5% BSA		
Contains	0.02% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

This antibody is predicted to react with bovine, mouse and rat based on sequence homology. This antibody is tested in Peptide ELISA: antibody detection limit dilution 16,000.

Background/Target Information

The human alanyl-tRNA synthetase (AARS) belongs to a family of tRNA synthases, of the class II enzymes. Class II tRNA synthases evolved early in evolution and are highly conserved. This is reflected by the fact that 498 of the 968-residue polypeptide human AARS shares 41% identity with the E. coli protein. tRNA synthases are the enzymes that interpret the RNA code and attach specific amino acids to the tRNAs that contain the cognate trinucleotide anticodons. They consist of a catalytic domain which interacts with the amino acid acceptor-T psi C helix of the tRNA, and a second domain which interacts with the rest of the tRNA structure.

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Product Images For DHX9 Polyclonal Antibody



DHX9 Antibody (PA5-19112) in WB
Western blot analysis of DHX9 using DHX9 Polyclonal Antibody (Product # PA5-19112) (1 µg/mL) in staining of nuclear HeLa lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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