

DDX60 Polyclonal Antibody

Catalog NumberPA5-34442

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	Dilution *1-2 µg/mL
Type	Antibody	* 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.	
Immunogen	A 17 amino acid synthetic peptide near the center of human DDX60		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A suggested positive control is A-20 cell lysate. PA5-34442 can be used with blocking peptide PEP-1484.

Background/Target Information

DDX60 is a DEXD/H Box RNA helicase and the human homolog of the *S. cerevisiae* Ski2, a cofactor of RNA exosome. Expression of DDX60 increases after viral infection and binds to endogenous RIG-I, a cytoplasmic viral RNA sensor, as well as other RIG-I-like receptors such as MDA5 and LGP2. These proteins activate TBK1 and IKK-ε, signaling IRF3 and NF-κB-responsive genes in the innate immune response pathway. DDX60 is required for the RIG-I- or MDA5-dependent response to viral infection, but is dispensable for TLR3-mediated signaling.

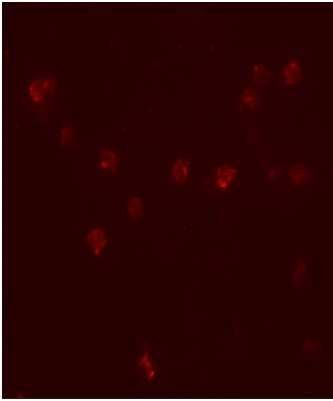
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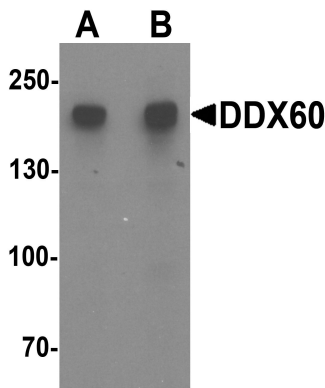
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Product Images For DDX60 Polyclonal Antibody



DDX60 Antibody (PA5-34442) in ICC/IF
Immunofluorescence of DDX60 in A20 cells with DDX60 Polyclonal Antibody (Product # PA5-34442) at 20 µg/mL.



DDX60 Antibody (PA5-34442) in WB
Western Blot analysis of DDX60 in A20 cell lysate with DDX60 Polyclonal Antibody (Product # PA5-34442) at (A) 1 and (B) 2 µg/mL.

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