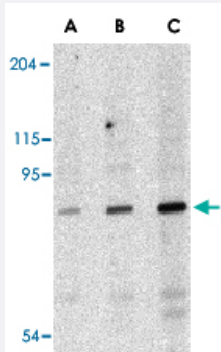


DDX58 polyclonal antibody

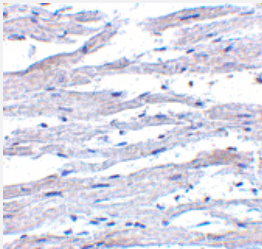
Catalog # PAB12973 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of DDX58 in C2C12 cell lysate with DDX58 polyclonal antibody (Cat # PAB12973) at (A) 0.5, (B) 1 and (C) 2 ug/mL .



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of DDX58 in human heart tissue with DDX58 polyclonal antibody (Cat # PAB12973) at 5 ug/mL .

Specification

Product Description	Rabbit Polyclonal antibody raised against recombinant DDX58.
Immunogen	Recombinant GST fusion protein corresponding to human DDX58.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of DDX58 in C2C12 cell lysate with DDX58 polyclonal antibody (Cat # PAB12973) at (A) 0.5, (B) 1 and (C) 2 ug/mL .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of DDX58 in human heart tissue with DDX58 polyclonal antibody (Cat # PAB12973) at 5 ug/mL .

Gene Info — DDX58

Entrez GeneID	23586
Protein Accession#	Q95786
Gene Name	DDX58
Gene Alias	DKFZp434J1111, DKFZp686N19181, FLJ13599, RIG-I
Gene Description	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58
Omim ID	609631
Gene Ontology	Hyperlink
Gene Summary	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases which are implicated in a number of cellular processes involving RNA binding and alteration of RNA secondary structure. This gene encodes a protein containing RNA helicase-DEAD box protein motifs and a caspase recruitment domain (CARD). It is involved in viral double-stranded (ds) RNA recognition and the regulation of immune response. [provided by RefSeq]
Other Designations	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide RIG-I OTTHUMP00000021185 OTTHUMP00000045225 RNA helicase RIG-I retinoic acid-inducible gene I

Publication Reference

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- [Triggering the interferon antiviral response through an IKK-related pathway.](#)

Sharma S, tenOever BR, Grandvaux N, Zhou GP, Lin R, Hiscott J.

Science 2003 May; 300(5622):1148.

- [Recognition of double-stranded RNA and activation of NF-kappaB by Toll-like receptor 3.](#)

Alexopoulou L, Holt AC, Medzhitov R, Flavell RA.

Nature 2001 Oct; 413(6857):732.

Disease

- [Encephalomyelitis](#)
- [Hepatitis C](#)
- [Multiple Sclerosis](#)
- [Neutropenia](#)
- [Thrombocytopenia](#)