

Datasheet for ABIN3023649
anti-DDX58 antibody (C-Term)



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4 Images

2 Publications

Overview

Quantity:	100 µL
Target:	DDX58
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX58 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 830 to the C-terminus of human RIG-I / DDX58 (NP_055129.2).
Sequence:	HYTVLGDAFK ECFVSRPHPK PKQFSSFEKR AKIFCARQNC SHDWGIHVKY KTFEIPVIKI ESFVVEDIAT GVQTLYSKWK DFHFEEKIPFD PAEMSK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	DDX58
Alternative Name:	DDX58 (DDX58 Products)
Background:	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.,DDX58,RIG-I,RIGI,RLR-1,SGMRT2,Epigenetics & Nuclear Signaling,Immunology & Inflammation,Toll-like Receptor Signaling Pathway,DDX58
Molecular Weight:	101 kDa/106 kDa
Gene ID:	23586
UniProt:	O95786
Pathways:	Activation of Innate immune Response , Hepatitis C

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:20 - 1:100,IP,1:20 - 1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

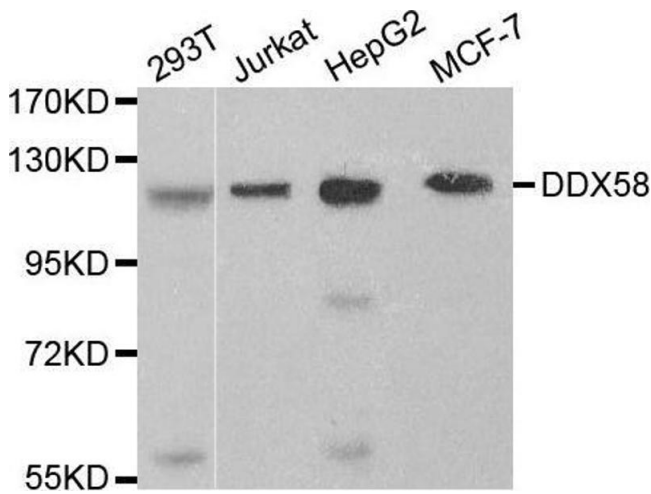
Publications

Product cited in:	Zhu, Ye, Ashraf, Li, Chen, Song, Cao: "Transcriptional regulation of miR-15b by c-Rel and CREB in
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Japanese encephalitis virus infection." in: **Scientific reports**, Vol. 6, pp. 22581, (2017) ([PubMed](#)).

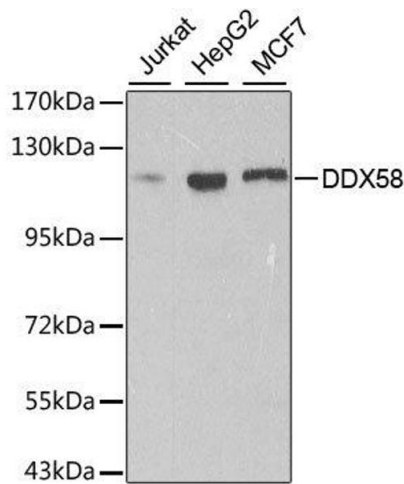
Cheng, Liao, Zhou, Peng, Chen, Yuan: "Amplified RLR signaling activation through an interferon-stimulated gene-endoplasmic reticulum stress-mitochondrial calcium uniporter protein loop." in: **Scientific reports**, Vol. 6, pp. 20158, (2016) ([PubMed](#)).

Images



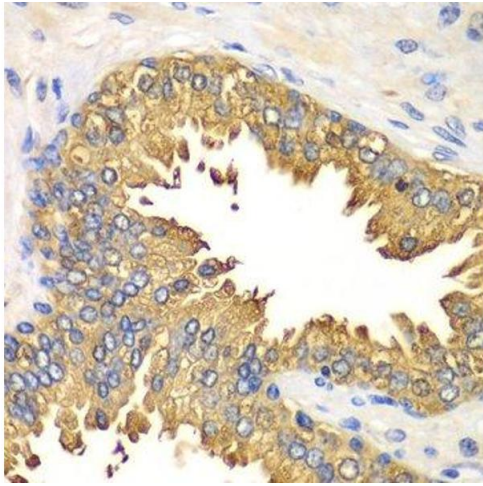
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using DDX58 antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using DDX58 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded human prostate using DDX58 antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3023649.