

Rabbit anti-Human DDX58 Polyclonal Antibody | anti-DDX58 antibody

Rabbit anti-DDX58 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220800	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

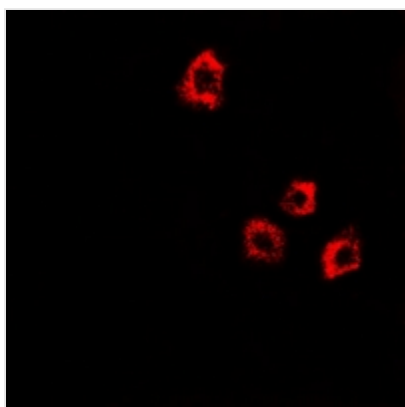
PRODUCT SYNONYMS

DDX58; Polyclonal Antibody; Rabbit anti-DDX58 Antibody; Probable ATP-dependent RNA helicase DDX58; DEAD box protein 58; RIG-I-like receptor 1; RLR-1; Retinoic acid-inducible gene 1 protein; RIG-1; Retinoic acid-inducible gene I protein; RIG-I; anti-DDX58 antibody

PRODUCT SPECIFICATIONS

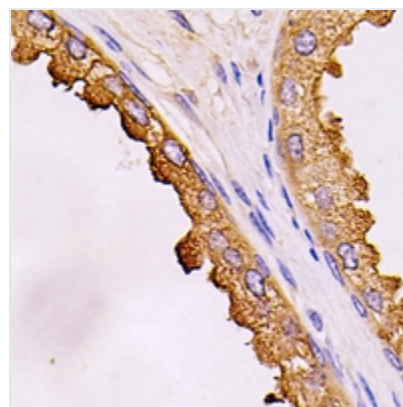
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-DDX58 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide of human DDX58
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



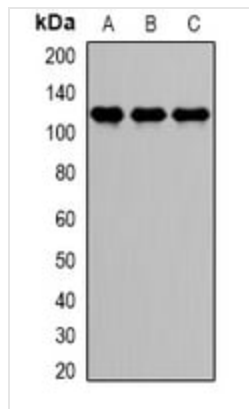
IF (Immunofluorescence)

Immunofluorescent analysis of DDX58 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of DDX58 staining in human prostate formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Western blot analysis of DDX58 expression in Jurkat (A), HepG2 (B), MCF7 (C) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-DDX58 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27881482
NCBI GeneID	23586
NCBI Accession #	NP_055129.2
NCBI GenBank Nucleotide #	NM_014314.3
UniProt Accession #	O95786; Q5HYE1; Q5VYT1; Q9NT04; A2RU81
Molecular Weight	925
NCBI Official Full Name	probable ATP-dependent RNA helicase DDX58
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58
NCBI Official Symbol	DDX58
NCBI Official Synonym Symbols	RIGI; RIG-I; RLR-1
NCBI Protein Information	probable ATP-dependent RNA helicase DDX58; RIG-1; RNA helicase RIG-I; DEAD box protein 58; RIG-I-like receptor 1; retinoic acid inducible gene I; retinoic acid-inducible gene 1 protein; retinoic acid-inducible gene I protein; DEAD/H (Asp-Glu-Ala-Asp/His)
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX58
UniProt Gene Name	DDX58
UniProt Synonym Gene Names	RLR-1; RIG-1; RIG-I
UniProt Entry Name	DDX58_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.