

Product datasheet for **TA350942**

DDX58 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Jurkat cells IHC: 100-300 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human DDX58
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	106 kDa
Gene Name:	DEXD/H-box helicase 58
Database Link:	NP_055129 Entrez Gene 23586 Human O95786



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Background:

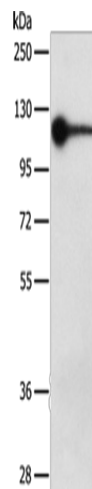
DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases which are implicated in a number of cellular processes involving RNA binding and alteration of RNA secondary structure. This gene encodes a protein containing RNA helicase-DEAD box protein motifs and a caspase recruitment domain (CARD). It is involved in viral double-stranded (ds) RNA recognition and the regulation of immune response.

Synonyms:

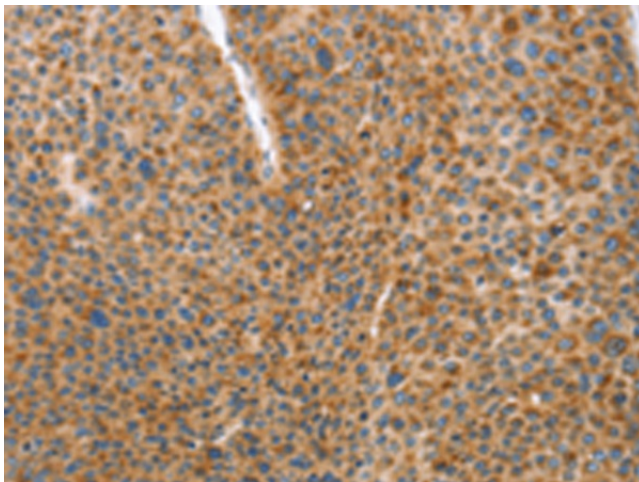
RIG-I; RIGI; RLR-1

Protein Pathways:

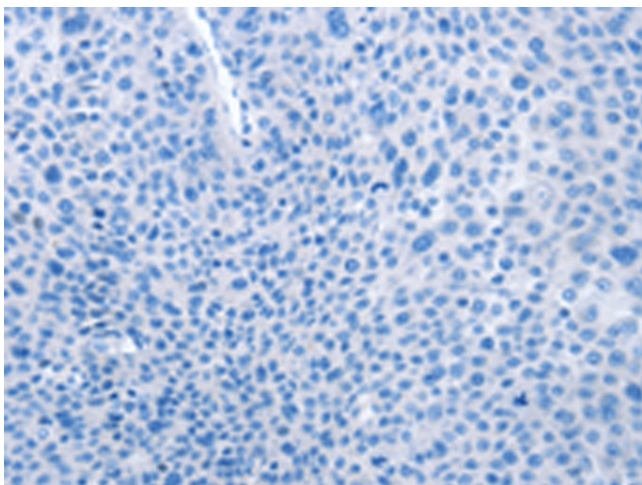
Cytosolic DNA-sensing pathway, RIG-I-like receptor signaling pathway

Product images:

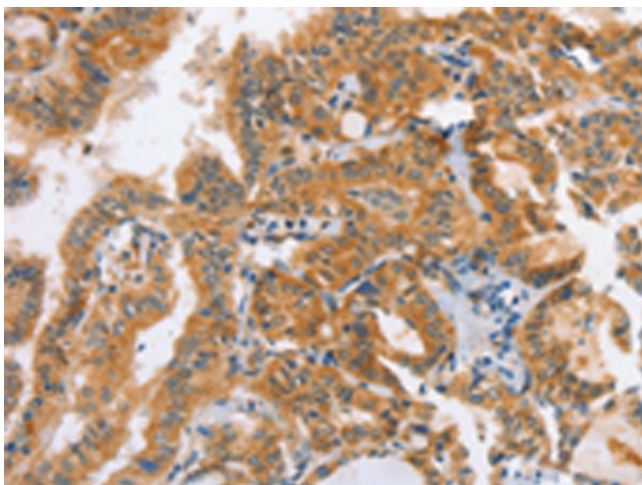
Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: Jurkat cells
Primary antibody: TA350942 (DDX58 Antibody) at dilution 1/250
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 3 minutes



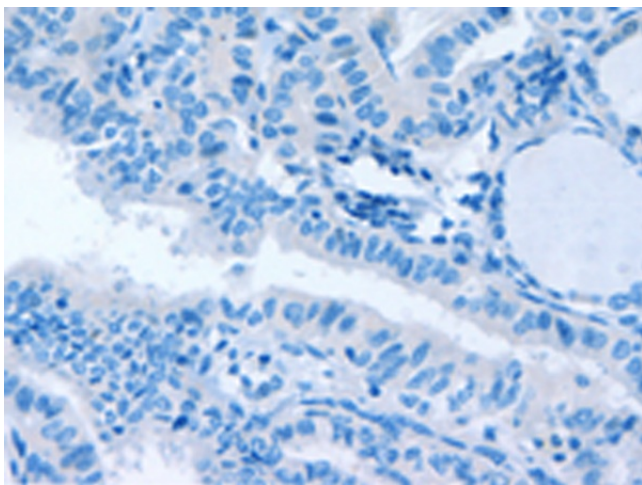
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA350942 (DDX58 Antibody) at dilution 1/70 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA350942 (DDX58 Antibody) at dilution 1/70, treated with synthetic peptide. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA350942 (DDX58 Antibody) at dilution 1/70 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA350942 (DDX58 Antibody) at dilution 1/70, treated with synthetic peptide. (Original magnification: x200)