

Product datasheet for **TA375406S**

DDX58 Rabbit Polyclonal Antibody

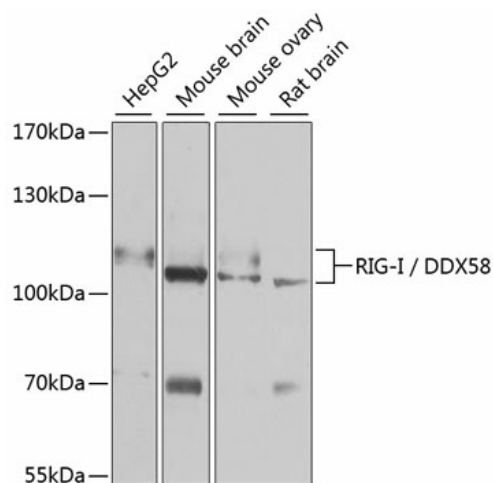
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ICC/IF, WB
Recommended Dilution:	WB, 1:500 - 1:2000 IF/ICC, 1:50 - 1:200 ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Formulation:	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	107kDa
Gene Name:	DEXD/H-box helicase 58
Database Link:	Entrez Gene 23586 Human O95786
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 the antiviral innate immune response. Mutations in this gene are associated with Singleton-Merten syndrome 2.


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Synonyms: DKFZp434J1111; DKFZp686N19181; FLJ13599; RIG-1; RIG-I

Product images:



Western blot analysis of various lysates using RIG-I/DDX58 Rabbit pAb ([TA375406]) at 1:1000 dilution.

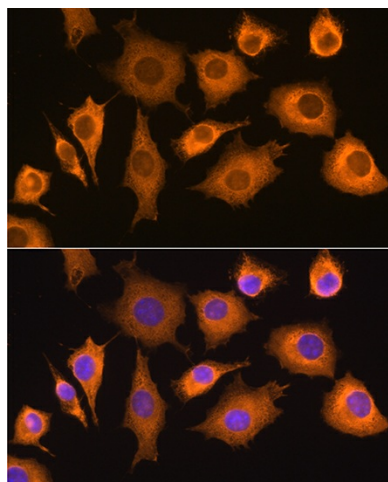
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

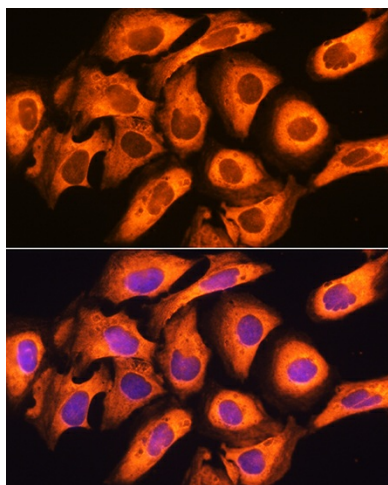
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

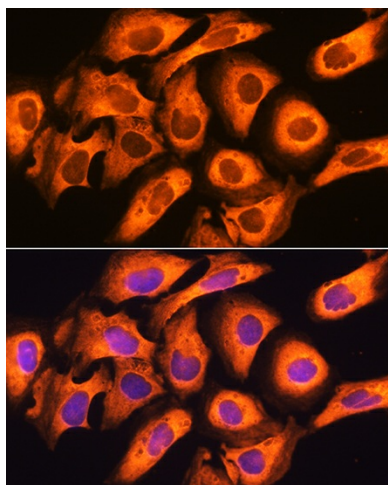
Exposure time: 90s.



Immunofluorescence analysis of H9C2 cells using RIG-I/DDX58 Rabbit pAb ([TA375406]) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using Rig-I/DDX58 Rabbit pAb ([TA375406]) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U20S cells using Rig-I/DDX58 Rabbit pAb ([TA375406]) at dilution of 1:100. Blue: DAPI for nuclear staining.