

DDX58 Antibody | anti-DDX58 antibody

Goat anti-DDX58 Antibody

CATALOG # AAA61805	REACTIVITY Human Expected from sequence similarity: Mouse	APPLICATIONS Flow Cytometry, Functional Assay, Immunofluorescence, ELISA
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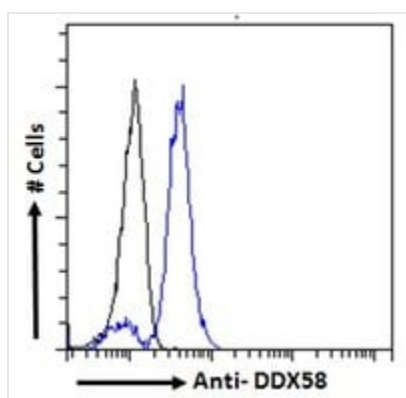
PRODUCT SYNONYMS

DDX58; Goat anti-DDX58 Antibody; DDX58 ; DEAD (Asp-Glu-Ala-Asp) box polypeptide 58; DKFZp434J1111 ; DKFZp686N19181 ; FLJ13599; RIG-I; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide ; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide RIG-I ; OTTHUMP00000045225 ; RNA helicase ; RNA helicase RIG-I ; retinoic acid-inducible gene I; anti-DDX58 antibody

PRODUCT SPECIFICATIONS

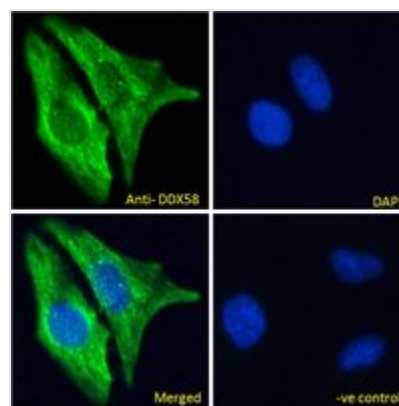
Reactivity	Human Expected from sequence similarity: Mouse
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Sequence Length	925
Applicable Applications for anti-DDX58 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA (Peptide ELISA)
Immunogen Sequence	Peptide with sequence C-KDFHFEKIPFDPAE, from the C Terminus of the protein sequence according to NP_055129.2.
Peptide Sequence + C	C-KDFHFEKIPFDPAE
Epitope	C Terminus
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



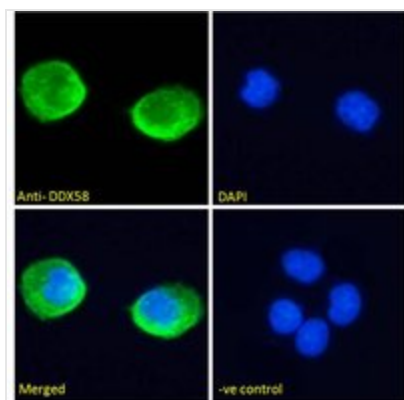
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of paraformaldehyde fixed U937 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

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	101,377 Da
NCBI Official Full Name	probable ATP-dependent RNA helicase DDX58
NCBI Official Synonym Full Names	DExD/H-box helicase 58
NCBI Official Symbol	DDX58
NCBI Official Synonym Symbols	RIGI; RIG-I; RLR-1; SGMRT2
NCBI Protein Information	probable ATP-dependent RNA helicase DDX58
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX58
UniProt Gene Name	DDX58
UniProt Synonym Gene Names	RLR-1; RIG-1; RIG-I

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.

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 Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/ddx58/61805>