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Datasheet for 600-401-AU6

DDX60 Antibody

Overview

Description:	Anti-DDX60 (RABBIT) Antibody - 600-401-AU6
Item No.:	600-401-AU6
Size:	100 µg
Applications:	ELISA, IF, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	DDX60 is a DEXD/H Box RNA helicase and the human homolog of the S. cerevisiae Ski2, a cofactor of RNA exosome. Expression of DDX60 increases after viral infection and binds to endogenous RIG-I, a cytoplasmic viral RNA sensor, as well as other RIG-I-like receptors such as MDA5 and LGP2. These proteins activate TBK1 and IKK-e, signaling IRF3 and NF-kB-responsive genes in the innate immune response pathway. DDX60 is required for the RIG-I- or MDA5-dependent response to viral infection, but is dispensable for TLR3-mediated signaling.
Synonyms:	DDX60 Antibody, Probable ATP-dependent RNA helicase DDX60, DEAD box protein 60
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	DDX60
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-DDX60 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid synthetic peptide near the internal region of human DDX60.

Purity/Specificity:	Anti-DDX60 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. At least three isoforms of DDX60 are known to exist; this antibody will detect all three isoforms.
Relevant Links:	• UniProtKB - Q8IY21 • GeneID - 55601 • NCBI - NP_060101

Application Details

Tested Applications:	ELISA, IF, WB
Application Note:	Anti-DDX60 Antibody has been tested for use in ELISA, Western Blotting and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 198 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
IF:	20 µg/mL
WB:	1-2 µg/mL

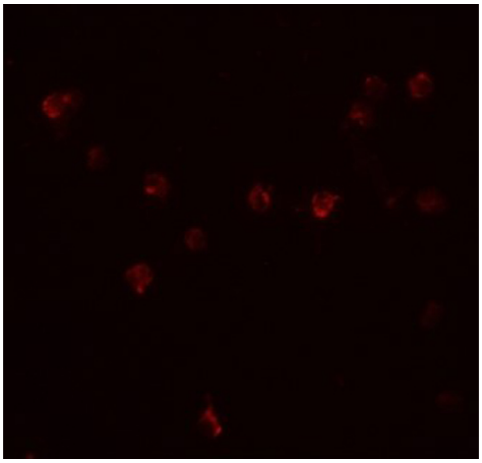
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1mg/ml by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

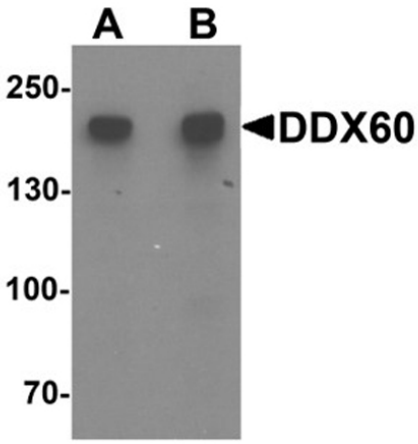
Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Immunofluorescence Microscopy
Immunofluorescence of DDX60.
Cell: A20 cells.
Primary Antibody: DDX60 antibody at 20 µg/mL.



Western Blot
Western blot analysis of DDX60.
Load: A20 cell lysate.
Primary Antibody: DDX60 antibody at (A) 1 and (B) 2 µg/mL.

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