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www.rockland.com
tech@rockland.com
+1 484.791.3823

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

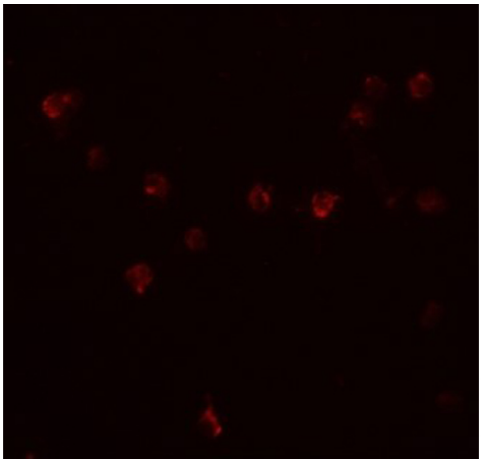
Formulation

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

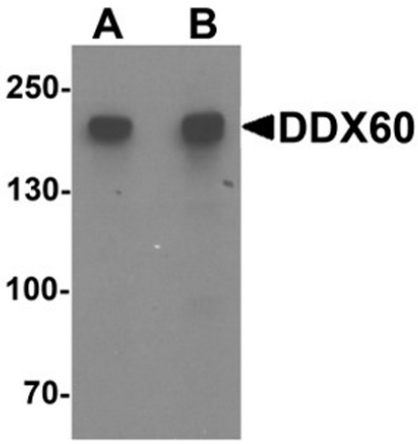
Shipping & Handling

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.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.