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Datasheet for ABIN6991720
anti-DDX60 antibody (AA 1140-1190)

Overview

Quantity:	0.1 mg
Target:	DDX60
Binding Specificity:	AA 1140-1190
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	DDX60 antibody was raised against a 17 amino acid synthetic peptide near the center of human DDX60. The immunogen is located within amino acids 1140 - 1190 of DDX60.
Isotype:	IgG
Specificity:	At least three isoforms of DDX60 are known to exist, this antibody will detect all three isoforms.
Purification:	DDX60 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	DDX60
Alternative Name:	DDX60 (DDX60 Products)
Background:	DDX60 Antibody: DDX60 is a DEXD/H Box RNA helicase and the human homolog of the <i>S. cerevisiae</i> 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

Target Details

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.

Molecular Weight: Predicted: 125, 185, 188 kDa

Observed: 190 kDa

Gene ID: 55601

NCBI Accession: [NP_060101](#)

UniProt: [Q8IY21](#)

Application Details

Application Notes: DDX60 antibody can be used for detection of DDX60 by Western blot at 1 - 2 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: DDX60 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: DDX60 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.