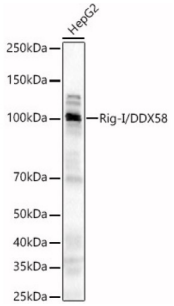
Antiviral Innate Immune Response Receptor RIG-I (RIGI) Antibody

Catalogue No.:abx000755



Western blot analysis of lysates from HepG2 cells, using Rig-I/DDX58 Antibody at 1/4000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 90s.

RIGI Antibody is a Rabbit Polyclonal antibody against RIGI. 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 immune response.

Target:	Antiviral Innate Immune Response Receptor RIG-I (RIGI)
Clonality:	Polyclonal
Reactivity:	Human, Rat
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/2000 - 1/4000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Synthetic peptide corresponding to RIGI. The exact sequence is proprietary.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O95786 (UniProt, ExPASy)

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Gene Symbol:	RIGI
GeneID:	23586
OMIM:	609631
NCBI Accession:	NP_055129.2
HGNC:	19102
KEGG:	hsa:23586
Ensembl:	ENSG00000107201
String:	9606.ENSP00000369213
Molecular Weight:	Calculated MW: 107 kDa Observed MW: 107 kDa
Buffer:	PBS, pH 7.3, containing 0.09% sodium azide, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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