

Rabbit anti-Human Rig-I/DDX58 Monoclonal Antibody | anti-RIGI antibody

Rig-I/DDX58 Rabbit mAb

CATALOG # AAA282971	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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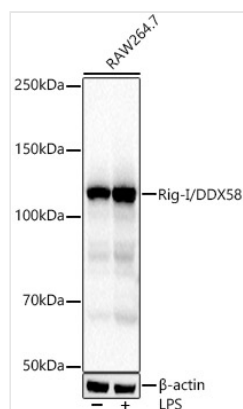
PRODUCT SYNONYMS

Rig-I/DDX58; Monoclonal Antibody; Rig-I/DDX58 Rabbit mAb; RIG1; DDX58; RIG-I; RLR-1; SGMRT2; anti-RIGI antibody

PRODUCT SPECIFICATIONS

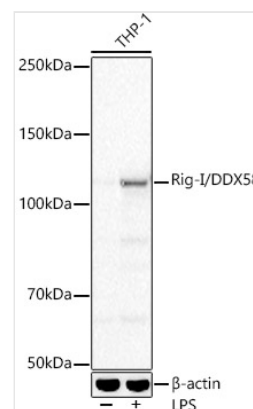
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	FKPRNYQLEL ALPAMKGKNT IICAPTGCGK TFVSLICEH HLKKFPQGQK GKVVFFANQI PVYEQQKSVF SKYFERHGYR VTGISGATAE NVPVEQIVEN NDIILTPQI LVNNLKKGTI PSLSIFTLMI FDECHNTSKQ HPYNMIMFNY LDQKLGSSG PLPQVIGLTA SVGVGDAKNT DEALDYICKL CASLDASVIA TVKHNLLEELE QVVYK
Applicable Applications for anti-RIGI antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 241-455 of human Rig-I/DDX58 (NP_055129.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from RAW264.7 cells, using Rig-I/DDX58 Rabbit mAb (AAA282971) at 1:2000 dilution. Raw264.7 cells were treated by LPS (1 ug/ml) at 37° for 8 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.



WB (Western Blot)

Western blot analysis of various lysates, using Rig-I/DDX58 Rabbit mAb (AAA282971) at 1:2000 dilution. THP-1 cells were treated by LPS (1 ug/ml) at 37° for 6 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-RIGI antibody	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 the antiviral innate immune response. Mutations in this gene are associated with Singleton-Merten syndrome 2.
Product Categories/Family for anti-RIGI antibody	Epigenetics Nuclear Signaling; Immunology Inflammation; Toll-like Receptor Signaling Pathway; Antibodies

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	Calculated MW: 107kDa Observed MW: 107kDa
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX58
UniProt Gene Name	DDX58
UniProt Synonym Gene Names	RLR-1; RIG-1; RIG-I
UniProt Entry Name	DDX58_HUMAN

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/monoclonal/rig-i-ddx58-antibody-western-blot-elisa/282971>