

Rabbit anti-Human, Rat MDA5 Polyclonal Antibody | anti-MDA5 antibody

Rabbit anti-MDA5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220930	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

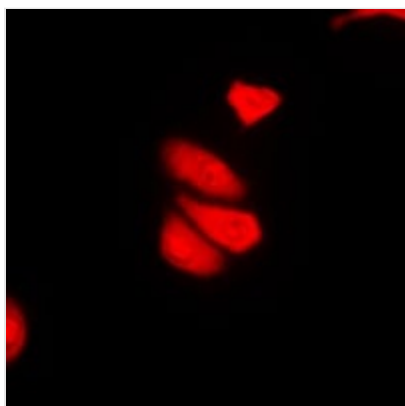
PRODUCT SYNONYMS

MDA5; Polyclonal Antibody; Rabbit anti-MDA5 Antibody; RH116; Interferon-induced helicase C domain-containing protein 1; Clinically amyopathic dermatomyositis autoantigen 140 kDa; CADM-140 autoantigen; Helicase with 2 CARD domains; Helicard; Interferon-induced with helicase C domain protein 1; Melanoma differentiation-associated protein 5; MDA-5; Murabutide down-regulated protein; RIG-I-like receptor 2; RLR-2; RNA helicase-DEAD box protein 116; anti-MDA5 antibody

PRODUCT SPECIFICATIONS

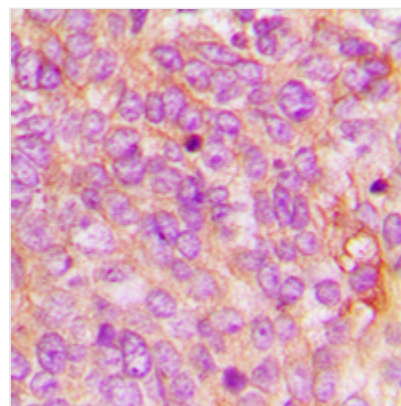
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-MDA5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MDA5. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



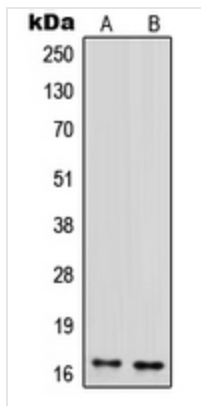
IF (Immunofluorescence)

Immunofluorescent analysis of MDA5 staining in THP1 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of MDA5 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of MDA5 expression in HepG2 (A), THP1 (B) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MDA5 antibody

Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	27886568
NCBI GeneID	64135
NCBI Accession #	NP_071451.2
NCBI GenBank Nucleotide #	NM_022168.3
UniProt Accession #	Q9BYX4; Q2NKL6; Q6DC96; Q86X56; Q96MX8; Q9H3G6
NCBI Official Full Name	interferon-induced helicase C domain-containing protein 1
NCBI Official Synonym Full Names	interferon induced with helicase C domain 1
NCBI Official Symbol	IFIH1
NCBI Official Synonym Symbols	HLcd; MDA5; MDA-5; RLR-2; IDDM19
NCBI Protein Information	interferon-induced helicase C domain-containing protein 1; helicard; CADM-140 autoantigen; RIG-I-like receptor 2; helicase with 2 CARD domains; RNA helicase-DEAD box protein 116; murabutide down-regulated protein; DEAD/H (Asp-Glu-Ala-Asp/His) box polypept
UniProt Protein Name	Interferon-induced helicase C domain-containing protein 1
UniProt Gene Name	IFIH1
UniProt Synonym Gene Names	MDA5; RH116; CADM-140 autoantigen; Helicard; MDA-5; RLR-2
UniProt Entry Name	IFIH1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mda5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/220930>