

Rabbit anti-Human IFITM2 Polyclonal Antibody | anti-IFITM2 antibody

Anti-IFITM2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258827	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

IFITM2; Polyclonal Antibody; Anti-IFITM2 Antibody; Rabbit Polyclonal; interferon induced transmembrane protein 2; Anti-1-8D Antibody; Anti-DSPA2c Antibody; anti-IFITM2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human IFITM2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-IFITM2 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Human IFITM2
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human IFITM2, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

IFITM2 was immunoprecipitated using: Lane A: 0.5 mg NCI-H460 Whole Cell Lysate Lane B: 0.5 mg HepG2 Whole Cell Lysate 4 uL anti-IFITM2 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-IFITM2 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 15 kDa. Observed band size: 15 kDa.



IF (Immunofluorescence)

Immunofluorescence staining of HPV-SMCCA6918+HPV-SMCCA6962 in HepG2 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human HPV-SMCCA6918+HPV-SMCCA6962 polyclonal antibody (dilution ratio 1:100) at 4°C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



WB (Western Blot)

Anti-IFITM2 rabbit polyclonal antibody at 1:500 dilutionLane A: NCI-H460 Whole Cell LysateLane B: HepG2 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:15 kDaObserved band size:15 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-IFITM2 antibody	IFITM2 (Interferon Induced Transmembrane Protein 2) is a Protein Coding gene. The encoded protein IFITM2 belongs to the CD225/Dispanin family. IFITM2 knockdown decreased GC cell proliferation, migration, invasion, and epithelial-to-mesenchymal transition in vitro. And IFITM2 expression was in part induced by insulin-like growth factor (IGF) 1 via IGF1 receptor/signal transducer and activator of transcription 3 signaling. Furthermore, IFITM2 regulated interleukin-6 expression and secretion, which in turn increased IFITM2 expression. Silencing of IFITM2 expression suppressed tumor growth and lung metastasis in vivo. That IFITM2 is a novel prognostic biomarker and regulator of GC progression. IFITM2 is widely expressed in the appendix, spleen, and other tissues. Diseases associated with IFITM2 include Cycloplegia and Influenza.
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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/polyclonal/ifitm2-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/258827>