

Rabbit anti-Human IRF3 Polyclonal Antibody | anti-IRF3 antibody

IRF3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232543	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

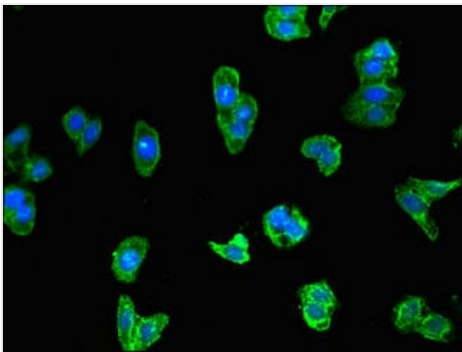
PRODUCT SYNONYMS

IRF3; Polyclonal Antibody; IRF3 Antibody; Interferon regulatory factor 3; IRF-3; anti-IRF3 antibody

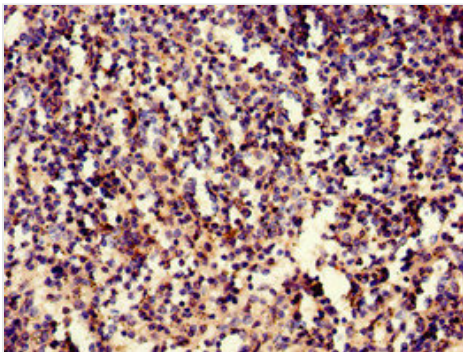
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	452
Applicable Applications for anti-IRF3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human IRF3 protein (1-452AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Immunology
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-15991 / sc-9082
Preparation and Storage	Upon receipt store at -20°C or -80°C. Avoid repeated freeze.

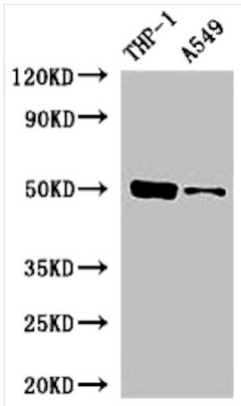
IMAGES



IHC (Immunohistochemisry)
Immunofluorescent analysis of HepG2 cells using AAA232543 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human spleen tissue using AAA232543 at dilution of 1:100



WB (Western Blot)
Western BlotPositive WB detected in: THP-1 whole cell lysate,A549 whole cell lysateAll lanes: IRF3 antibody at 5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 50 kDaObserved band size: 50 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-IRF3 antibody	Key transcriptional regulator of type I interferon (IFN)-dependent immune responses which plays a critical role in the innate immune response against DNA and RNA viruses. Regulates the transcription of type I IFN genes (IFN-alpha and IFN-beta) and IFN-stimulated genes (ISG) by binding to an interferon-stimulated response element (ISRE) in their promoters. Acts as a more potent activator of the IFN-beta (IFNB) gene than the IFN-alpha (IFNA) gene and plays a critical role in both the early and late phases of the IFNA/B gene induction. Found in an inactive form in the cytoplasm of uninfected cells and following viral infection, double-stranded RNA (dsRNA), or toll-like receptor (TLR) signaling, is phosphorylated by IKBKE and TBK1 kinases. This induces a conformational change, leading to its dimerization and nuclear localization and association with CREB binding protein (CREBBP) to form dsRNA-activated factor 1 (DRAF1), a complex which activates the transcription of the type I IFN and ISG genes. Can activate distinct gene expression programs in macrophages and can induce significant apoptosis in primary macrophages.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	308199446
NCBI GeneID	3661
NCBI Accession #	NP_001184051.1
NCBI GenBank Nucleotide #	NM_001197122.1
UniProt Accession #	Q14653; Q5FBY1; Q5FBY2; Q5FBY4; Q7Z5G6; A8K7L2; B2RAZ3
NCBI Official Full Name	interferon regulatory factor 3 isoform 2

NCBI Official Synonym Full Names	interferon regulatory factor 3
NCBI Official Symbol	IRF3
NCBI Official Synonym Symbols	IIAE7
NCBI Protein Information	interferon regulatory factor 3
UniProt Protein Name	Interferon regulatory factor 3
UniProt Gene Name	IRF3
UniProt Synonym Gene Names	IRF-3
UniProt Entry Name	IRF3_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://www.aaabiotech.com/polyclonal/irf3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/232543>