

Rabbit IRF5 Polyclonal Antibody | anti-IRF5 antibody

IRF5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA170562	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

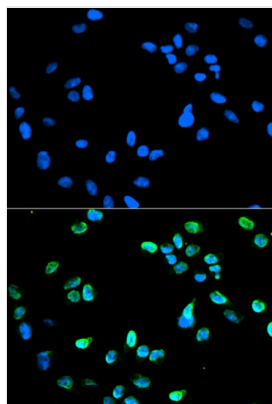
PRODUCT SYNONYMS

IRF5; Polyclonal Antibody; IRF5 Antibody; SLEB10; anti-IRF5 antibody

PRODUCT SPECIFICATIONS

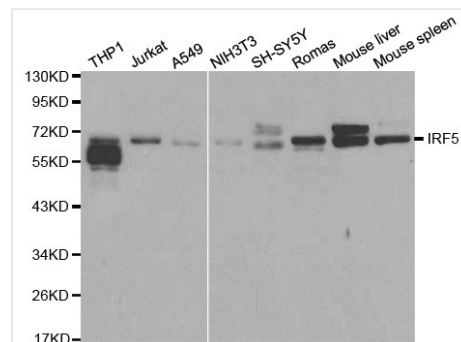
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	412
Applicable Applications for anti-IRF5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-98651
Preparation and Storage	Store at -20 degree C, Avoid freeze / thaw cycles

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using IRF5 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using IRF5 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IRF5 antibody	Background/Introduction: Interferon regulatory factors (IRFs) comprise a family of transcription factors that function within the Jak/Stat pathway to regulate interferon (IFN) and IFN-inducible gene expression in response to viral infection (1). IRFs play an important role in pathogen defense, autoimmunity, lymphocyte development, cell growth, and susceptibility to transformation. The IRF family includes nine members: IRF-1, IRF-2, ISGF3gamma/p48, IRF-3, IRF-4 (Pip/LSIRF/ICSAT), IRF-5, IRF-6, IRF-7, and IRF-8/ICSBP. All IRF proteins share homology in their amino-terminal DNA-binding domains. IRF family members regulate transcription through interactions with proteins that share similar DNA-binding motifs, such as IFN-stimulated response elements (ISRE), IFN consensus sequences (ICS), and IFN regulatory elements (IRF-E) (2).IRF-5 is expressed in lymphoid tissues and peripheral blood lymphocytes and participates in the induction of type I interferon genes following viral infection (3). Activation of IRF-5 signaling is triggered by the toll-like receptor (TLR) pathway, including TLR7 and MyD88 (4,5). Genetic variants of IRF-5 have been associated with disorders where the IFN pathway is abnormally activated, such as systemic lupus erythematosus (6,7).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	334883190
NCBI GeneID	3663
NCBI Accession #	NP_001229381.1
NCBI GenBank Nucleotide #	NM_001242452.2
Molecular Weight	56kDa
NCBI Official Full Name	interferon regulatory factor 5 isoform e
NCBI Official Synonym Full Names	interferon regulatory factor 5
NCBI Official Symbol	IRF5
NCBI Official Synonym Symbols	SLEB10
NCBI Protein Information	interferon regulatory factor 5
UniProt Protein Name	Interferon regulatory factor 5
UniProt Gene Name	IRF5
UniProt Synonym Gene Names	IRF-5
UniProt Entry Name	IRF5_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/polyclonal/irf5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/170562>