

Rabbit IRF8 Polyclonal Antibody | anti-IRF3 antibody

IRF8 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39630	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

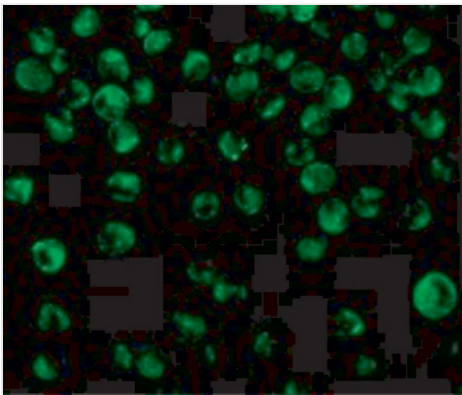
PRODUCT SYNONYMS

IRF8; Polyclonal Antibody; IRF8 Antibody; Interferon regulatory factor 3; IRF-3; interferon regulatory factor 3; anti-IRF3 antibody

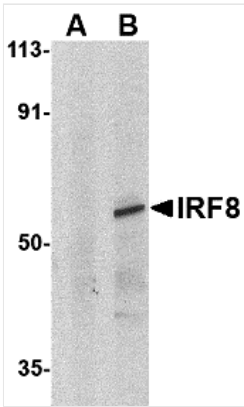
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	IRF8 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	426
Applicable Applications for anti-IRF3 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	IRF8 antibody was raised against a peptide corresponding to 16 amino acids near the carboxy terminus of human IRF8.
Buffer	IRF8 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	IRF8 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of IRF8 in K562 cells with IRF8 antibody at 10 μg/mL.



WB (Western Blot)
Western blot analysis of IRF8 in human thymus tissue lysate with IRF8 antibody at 1μg/mL in (A) the presence and (B) absence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-IRF3 antibody

IRF8 Antibody: Interferons (IFN)s are involved in a multitude of immune interactions during viral infections and play a major role in both the induction and regulation of innate and adaptive antiviral mechanisms. During infection, host-virus interactions signal downstream molecules such as transcription factors such as IFN regulatory factor-3 (IRF3) which can act to stimulate transcription of IFN-alpha/beta genes. Unlike IRF3, IRF8 appears to act as a negative regulator of IFN-induced genes in most cases, but IRF8 mediates activation of NF-?B by the toll-like receptor 9 (TLR9) after stimulation by unmethylated CpG DNA in dendritic cells. Finally, it has been shown that IRF8 decreases bcl-2 expression and thus may play a role in chronic myelogenous leukemia.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504567
NCBI GeneID	3394
NCBI Accession #	NP_002154
NCBI GenBank Nucleotide #	NM_002163.2
UniProt Accession #	Q14653; A0AV82; Q02556
Molecular Weight	48,356 Da
NCBI Official Full Name	interferon regulatory factor 8
NCBI Official Synonym Full Names	interferon regulatory factor 8
NCBI Official Symbol	IRF8
NCBI Official Synonym Symbols	ICSBP; IRF-8; ICSBP1; IMD32A; IMD32B; H-ICSBP
NCBI Protein Information	interferon regulatory factor 8; interferon consensus sequence binding protein 1
UniProt Protein Name	Interferon regulatory factor 8
UniProt Gene Name	IRF8
UniProt Synonym Gene Names	ICSBP1; IRF-8; H-ICSBP; ICSBP
UniProt Entry Name	IRF8_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.

