

Rabbit anti-Human IRF7 Polyclonal Antibody | anti-IRF7 antibody

IRF7 Antibody

CATALOG # AAA39973	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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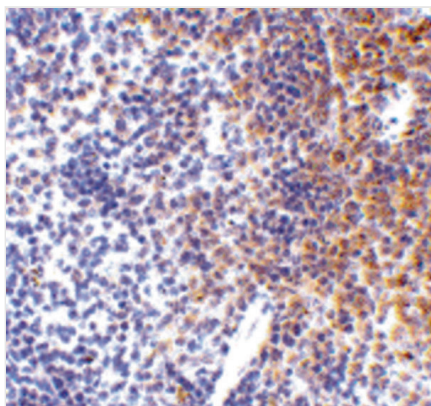
PRODUCT SYNONYMS

IRF7; Polyclonal Antibody; IRF7 Antibody; IRF7A; IRF7B; IRF7C; IRF7H; IRF-7H; Interferon regulatory factor 7; IRF-7; interferon regulatory factor 7; anti-IRF7 antibody

PRODUCT SPECIFICATIONS

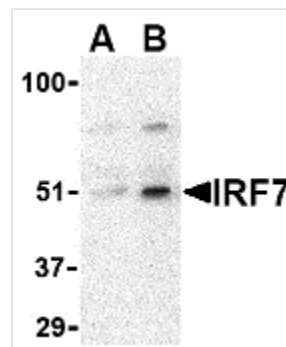
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	IRF7 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	503
Applicable Applications for anti-IRF7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	IRF7 antibody was raised against a peptide corresponding to 14 amino acids near the center of human IRF7.
Buffer	IRF7 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	IRF7 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



IHC (Immunohistochemistry)

Immunohistochemistry of IRF7 in mouse spleen tissue with IRF7 antibody at 5 μg/mL.



WB (Western Blot)

Western blot analysis of IRF7 in 293 whole cell lysate with IRF7 antibody at (A) 0.5 and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-IRF7 antibody	IRF7 Antibody: Interferons (IFNs) 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. IRF7 has been shown to play a role in the transcriptional activation of virus-inducible cellular genes, including interferon beta chain genes. IRF7 play a major role in the innate immune pathway, interacting with the Toll-like receptor (TLR) adaptor proteins MyD88 and Tirp/TRAM and functioning as an intermediate TLR4 and TLR9 signaling. There are at least four differentially spliced isoforms of IRF7, although their function has not been clearly established.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116242593
NCBI GeneID	3665
UniProt Accession #	Q92985; O00331; O00332; O00333; O75924; Q9UE79; B9EGL3
Molecular Weight	55,635 Da
NCBI Official Full Name	Interferon regulatory factor 7
NCBI Official Synonym Full Names	interferon regulatory factor 7
NCBI Official Symbol	IRF7
NCBI Official Synonym Symbols	IRF7A; IRF7B; IRF7C; IRF7H; IRF-7H
NCBI Protein Information	interferon regulatory factor 7; IRF-7; interferon regulatory factor-7H
UniProt Protein Name	Interferon regulatory factor 7
UniProt Gene Name	IRF7
UniProt Synonym Gene Names	IRF-7
UniProt Entry Name	IRF7_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/irf7-antibody-immunohistochemistry-western-blot-elisa/39973>