

Rabbit anti-Mouse, Rat IRF7 Polyclonal Antibody | anti-IRF7 antibody

RABBIT ANTI IRF7 (C-TERMINAL)

CATALOG # AAA49928	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Western Blot
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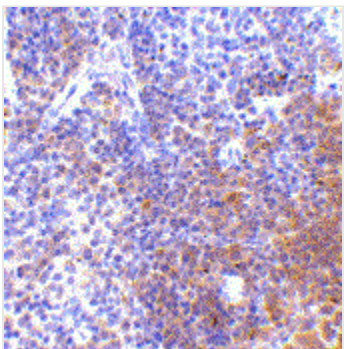
PRODUCT SYNONYMS

IRF7; Polyclonal Antibody; RABBIT ANTI IRF7 (C-TERMINAL); anti-IRF7 antibody

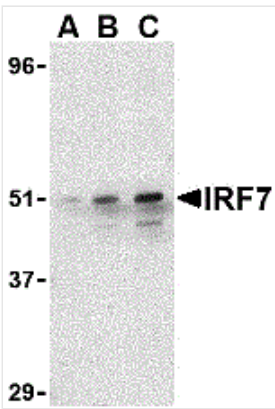
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This item detects an epitope within the C-terminal (CT) of human interferon regulatory factor 7 (IRF7), a 54kD transcriptional activator of type I interferons (IFNα/beta) in response to local and systemic viral infection. IRF7 is mostly expressed by plasmacytoid dendritic cells (pDC), which differentiate in response to IFNs and virus infection. This then stabilizes the IRF7 protein, in turn leading to increased IFN production. Multiple IRF7 transcript variants have been identified, although their individual functions have not yet been established.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	503
Applicable Applications for anti-IRF7 antibody	WB (Western Blot)
Perservative Stabilisers	0.02% Sodium Azide
Immunogen	14 amino acid peptide sequence near the carboxy terminus of human IRF7. Buffer Solution
Antiserum Preparation	Antisera to human IRF7 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Immunohistochemical staining of mouse spleen with Rabbit anti Human IRF7 (AAA49928)



Application Data
Western blot analysis of whole cell lysates from HEK293 human kidney epithelial cells probed with Rabbit anti Human IRF7 (AAA49928) at 0.5(A), 1(B) and 2(C) ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-IRF7 antibody	MBS221469 detects an epitope within the C-terminal (CT) of human interferon regulatory factor 7 (IRF7), a 54kD transcriptional activator of type I interferons (IFNalpha/beta) in response to local and systemic viral infection. IRF7 is mostly expressed by plasmacytoid dendritic cells (pDC), which differentiate in response to IFNs and virus infection. This then stabilizes the IRF7 protein, in turn leading to increased IFN production. Multiple IRF7 transcript variants have been identified, although their individual functions have not yet been established.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758610
NCBI GeneID	3665
NCBI Accession #	NP_001563.2
NCBI GenBank Nucleotide #	NM_001572.3
UniProt Accession #	Q92985; O00331; O00332; O00333; O75924; Q9UE79; B9EGL3
Molecular Weight	55,635 Da
NCBI Official Full Name	interferon regulatory factor 7 isoform a
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.