

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

[KO Validated] IRF3 Rabbit mAb

CATALOG # AAA282798	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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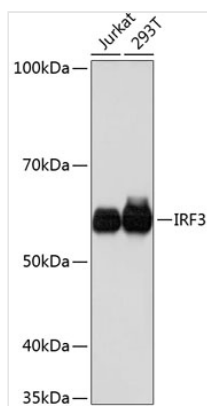
PRODUCT SYNONYMS

IRF3; Monoclonal Antibody; [KO Validated] IRF3 Rabbit mAb; IIAE7; F3; anti-IRF3 antibody

PRODUCT SPECIFICATIONS

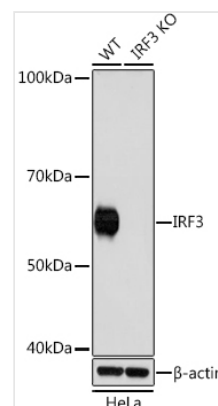
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	DFGIFQAWAE ATGAYVPGRD KPDLPWKRN FRSALNRKEG LRLAEDRSKD PHDPHKIYEF VNSGVGDFSQ PDTSPDTNGG GSTSDTQEDI LDELLGNMVL A
Applicable Applications for anti-IRF3 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human IRF3 (Q14653).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates using [KO Validated] IRF3 Rabbit mAb (AAA282798) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.



WB (Western Blot)

Western blot analysis of lysates from wild type (WT) and IRF3 knockout (KO) HeLa cells, using [KO Validated] IRF3 Rabbit mAb (AAA282798) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.

ADDITIONAL INFORMATION

Related Product Information for anti-IRF3 antibody	This gene encodes a member of the interferon regulatory transcription factor (IRF) family. The encoded protein is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. The protein plays an important role in the innate immune response against DNA and RNA viruses. Mutations in this gene are associated with Encephalopathy, acute, infection-induced, herpes-specific, 7.
Product Categories/Family for anti-IRF3 antibody	Epigenetics Nuclear Signaling; Transcription Factors; Protein phosphorylation; Immunology Inflammation; Cytokines; Toll-like Receptor Signaling Pathway; Cell Intrinsic Innate Immunity Signaling Pathway; TLR Signaling; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	308199450
NCBI GeneID	3661
NCBI Accession #	NP_001184053.1
NCBI GenBank Nucleotide #	NM_001197124.1
UniProt Accession #	Q14653; Q5FBY1; A8K7L2
Molecular Weight	Calculated MW: 47kDa Observed MW: 57kDa
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://stage.aaabiotech.com/monoclonal/irf3-antibody-western-blot-elisa/282798>