

Rabbit anti-Mouse Irf3 Polyclonal Antibody | anti-Irf3 antibody

Irf3 Rabbit pAb

CATALOG # AAA283250	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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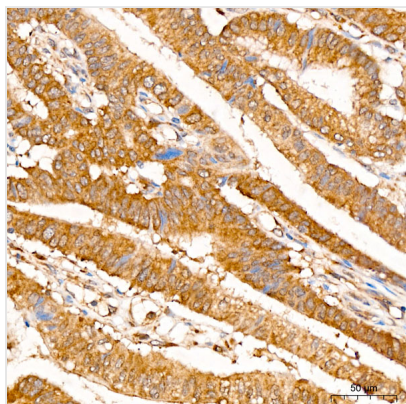
PRODUCT SYNONYMS

Irf3; Polyclonal Antibody; Irf3 Rabbit pAb; IRF-3; IIAE7; IRF 3; anti-Irf3 antibody

PRODUCT SPECIFICATIONS

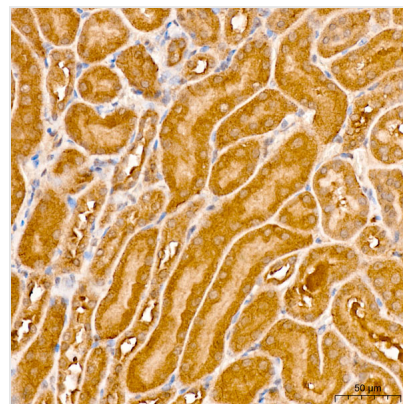
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Applicable Applications for anti-Irf3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant Protein corresponding to a sequence within amino acids 100-200 of mouse Irf3(NP_058545.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



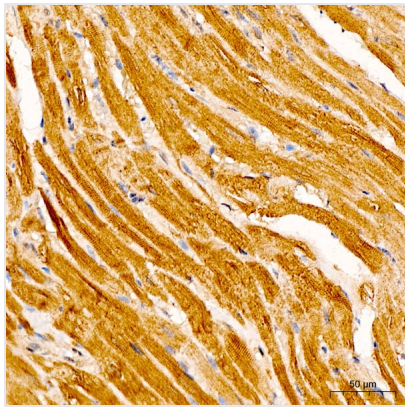
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using Irf3 Rabbit pAb (AAA283250) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



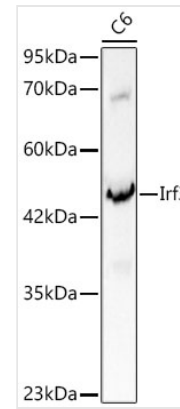
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using Irf3 Rabbit pAb (AAA283250) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



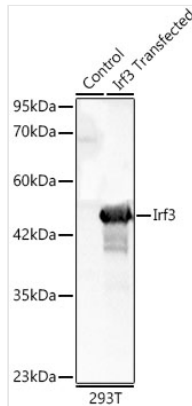
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat heart tissue using Irf3 Rabbit pAb (AAA283250) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from C6 cells using Irf3 Rabbit pAb (AAA283250) at 1:900 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.



WB (Western Blot)

Western blot analysis of lysates from wild type (WT) and 293F cells transfected with Irf3 using Irf3 Rabbit pAb (AAA283250) at 1:900 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 0.4s.

ADDITIONAL INFORMATION

Related Product Information for anti-Irf3 antibody

Mediates interferon-stimulated response element (ISRE) promoter activation. Functions as a molecular switch for antiviral activity. DsRNA generated during the course of an viral infection leads to IRF3 phosphorylation on the C-terminal serine/threonine cluster. This induces a conformational change, leading to its dimerization, nuclear localization and association with CREB binding protein (CREBBP) to form dsRNA-activated factor 1 (DRAF1), a complex which activates the transcription of genes under the control of ISRE. The complex binds to the IE and PRDIII regions on the IFN-alpha and IFN-beta promoters respectively. IRF-3 does not have any transcription activation domains.

Product Categories/Family for anti-Irf3 antibody

[Immunology](#); [Innate Immunity](#); [Cytokines](#); [Interferons](#); [Antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	8393627
NCBI GeneID	54131
NCBI Accession #	NP_058545.1
NCBI GenBank Nucleotide #	NM_016849.4
UniProt Accession #	P70671

Molecular Weight	Calculated MW: 46kDa Observed MW: 47kDa
UniProt Protein Name	Interferon regulatory factor 3
UniProt Gene Name	Irf3
UniProt Synonym Gene Names	IRF-3

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://www.aaabiotech.com/polyclonal/irf3-antibody-immunohistochemistry-western-blot-elisa/283250>