

Rabbit anti-Human, Mouse IRF9 Polyclonal Antibody | anti-IRF9 antibody

IRF9 Antibody

CATALOG # AAA303791	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

IRF9; Polyclonal Antibody; IRF9 Antibody; p48; IRF-9; ISGF3; ISGF3G; anti-IRF9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total IRF9 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.3 mg/ml (varies by lot)
Sequence Length	393
Applicable Applications for anti-IRF9 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human interferon regulatory factor 9
Target Name	IRF9
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using at dilution 1/50.



Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): Mouse pancreas tissue and NIH/3T3 cell
Amount of lysate: 40ug per lane Primary antibody: 1/380 dilution Secondary antibody dilution: 1/8000 Exposure time: 1.5 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-IRF9 antibody

Interferon regulatory factor 9 is a protein that in humans is encoded by the IRF9 gene, previously known as ISGF3G. Transcription regulatory factor that mediates signaling by type I IFNs (IFN-alpha and IFN-beta). Following type I IFN binding to cell surface receptors, Jak kinases (TYK2 and JAK1) are activated, leading to tyrosine phosphorylation of STAT1 and STAT2. The phosphorylated STATs dimerize, associate with IRF9/ISGF3G to form a complex termed ISGF3 transcription factor, that enters the nucleus. ISGF3 binds to the IFN stimulated response element (ISRE) to activate the transcription of interferon stimulated genes, which drive the cell in an antiviral state.

NCBI AND UNIPROT INFORMATION

NCBI GI #	25282407
NCBI GeneID	10379
NCBI Accession #	NP_006075.3
NCBI GenBank Nucleotide #	NM_006084.4
UniProt Accession #	Q00978; D3DS61
Molecular Weight	43,696 Da
NCBI Official Full Name	interferon regulatory factor 9
NCBI Official Synonym Full Names	interferon regulatory factor 9
NCBI Official Symbol	IRF9
NCBI Official Synonym Symbols	p48; IRF-9; ISGF3; ISGF3G
NCBI Protein Information	interferon regulatory factor 9
UniProt Protein Name	Interferon regulatory factor 9
UniProt Gene Name	IRF9
UniProt Synonym Gene Names	ISGF3G; IRF-9; ISGF-3 gamma
UniProt Entry Name	IRF9_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.