



Anti-IRF9 polyclonal antibody (CPBT-54164RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human IRF9.
Antigen Description	Interferon regulatory factor 9 is a protein that in humans is encoded by the IRF9 gene. IRF9 has been shown to interact with STAT2 and STAT1. Transcription regulatory factor that mediates signaling by type I IFNs (IFN-alpha and IFN-beta). Following type I
Immunogen	Synthetic peptide of human ISGF3G that is within the following sequence: PWKHAGKQDFREDQDAFFKAWAIFKGYKEGDTGGPAVW KTRLRCALNK.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ICC/IF, WB, IHC-P
Sequence Similarities	Belongs to the IRF family. Contains 1 IRF tryptophan pentad repeat DNA-binding domain.
Cellular Localization	Cytoplasm. Nucleus. Translocated into the nucleus upon activation by IFN-alpha/beta.
Format	Liquid
Size	50 µg
Buffer	Preservative: None Constituents: 2% Sucrose, PBS
Preservative	None

Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	IRF9 interferon regulatory factor 9 [Homo sapiens]
Official Symbol	IRF9
Synonyms	IRF9; interferon regulatory factor 9; interferon stimulated transcription factor 3, gamma (48kD) ,interferon stimulated transcription factor 3, gamma 48kDa , ISGF3G; IFN alpha responsive transcription factor subunit; IFN-alpha-responsive transcription factor subunit; Interferon regulatory factor 9; interferon stimulated transcription factor 3; Interferon-stimulated gene factor 3 gamma; interferon-stimulated transcription factor 3, gamma 48kDa; IRF 9; IRF-9; Irf9; IRF9_HUMAN; ISGF 3 gamma; ISGF-3 gamma; ISGF3; ISGF3 p48 subunit; ISGF3G; OTTHUMP00000164692; OTTHUMP00000164693; p48; Transcriptional regulator ISGF3 subunit gamma; ISGF-3 gamma; ISGF3 p48 subunit; interferon-stimulated gene factor 3 gamma; transcriptional regulator ISGF3 subunit gamma; IFN-alpha-responsive transcription factor subunit; interferon-stimulated transcription factor 3, gamma 48kDa; interferon-stimulated transcription factor 3, gamma (48kD); p48; IRF-9; ISGF3; ISGF3G;
Entrez Gene ID	10379
Protein Refseq	NP_006075
UniProt ID	Q00978
Chromosome Location	14q11.2
Pathway	Cytokine Signaling in Immune system, organism-specific biosystem; Hepatitis C, organism-specific biosystem; Hepatitis C, conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; IFN-gamma pathway, organism-specific biosystem; Immune System, organism-specific biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem; Interferon Signaling, organism-specific biosystem; Interferon alpha/beta signaling, orga
Function	protein binding; regulatory region DNA binding; sequence-specific DNA binding transcription factor activity;