



Human IRF8 blocking peptide (CDBP1546)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ICSBP1/IRF8 antibody
Antigen Description	Interferon consensus sequence-binding protein (ICSBP) is a transcription factor of the interferon (IFN) regulatory factor (IRF) family. Proteins of this family are composed of a conserved DNA-binding domain in the N-terminal region and a divergent C-terminal region that serves as the regulatory domain. The IRF family proteins bind to the IFN-stimulated response element (ISRE) and regulate expression of genes stimulated by type I IFNs, namely IFN-alpha and IFN-beta. IRF family proteins also control expression of IFN-alpha and IFN-beta-regulated genes that are induced by viral infection. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	IRF8 interferon regulatory factor 8 [Homo sapiens]
Official Symbol	IRF8
Synonyms	IRF8; interferon regulatory factor 8; ICSBP1, interferon consensus sequence binding protein 1;

ICSBP; IRF 8; interferon consensus sequence binding protein 1; IRF-8; ICSBP1; H-ICSBP;

Entrez Gene ID	3394
mRNA Refseq	NM_002163
Protein Refseq	NP_002154
UniProt ID	Q02556
Chromosome Location	16q24.1
Pathway	Cytokine Signaling in Immune system, organism-specific biosystem; Immune System, organism-specific biosystem; Interferon Signaling, organism-specific biosystem; Interferon alpha/beta signaling, organism-specific biosystem; Interferon gamma signaling, organism-specific biosystem; Pertussis, organism-specific biosystem; Pertussis, conserved biosystem;
Function	regulatory region DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity;