



Anti-IRF8 (aa 122-218) polyclonal antibody (DPAB-DC1647)

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

PRODUCT INFORMATION

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.
Immunogen	IRF8 (NP_002154, 122 a.a. ~ 218 a.a) partial recombinant protein with GST tag. The sequence is LGVATAGCVNEVTEMECGRSEIDELEIKEPSVDDYMGMIKRSPSPPEACRSQLPDWWAQQ PSTGVPLVTGYTTYDAHHSAFSQMVISFYGGKLVGQ
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	IRF8 interferon regulatory factor 8 [Homo sapiens (human)]
Official Symbol	IRF8
Synonyms	IRF8; interferon regulatory factor 8; ICSBP; IRF-8; ICSBP1; H-ICSBP; interferon consensus sequence binding protein 1;
Entrez Gene ID	3394
Protein Refseq	NP_002154
UniProt ID	Q02556
Chromosome Location	16q24.1
Pathway	Cytokine Signaling in Immune system; Interferon Signaling; Interferon gamma signaling; Pertussis
Function	RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; protein binding; regulatory region DNA binding;
