



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

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| 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 LGVATAGCVNEVTEMECGRSEIDELIKEPSVDDYMGMIKRSPSPPEACRSQLLPDWWAQQ PSTGVPLVTGYTTYDAHHSQFVVISFYGGKLVGQ |
| 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

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| 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; |