



Anti-IRF8 (C-terminal) polyclonal antibody (CPBT-67656RI)

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

PRODUCT INFORMATION

Product Overview	Rabbit anti IRF8 antibody recognizes Interferon regulatory factor 8, (IRF8) also known as Interferon consensus sequence-binding protein (ICSBP). It is part of a transcriptional network that governs B cell lineage specification, commitment and differentiation. It is expressed in T cells, B cells and macrophages. Macrophage, dendritic and B cell development is impaired in IRF deficient mice. IRF8 appears to play a negative regulatory role in IFN induction of genes in most cases. Western Blotting detects a band of approximately 55kDa in K562 cell lysate
Specificity	IRF8
Immunogen	A peptide corresponding to 16 amino acids near the carboxy terminus of human IRF8
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Conjugate	Unconjugated
Applications	WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.02% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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; IMD32A; IMD32B; H-ICSBP; interferon consensus sequence binding protein 1;
Entrez Gene ID	3394
Protein Refseq	NP_002154
UniProt ID	P23611
Chromosome Location	16q24.1
Pathway	Cytokine Signaling in Immune system; Immune System; Interferon Signaling; Interferon alpha/beta signaling; Interferon gamma signaling; Pertussis; Type II interferon signaling (IFNG); Validated targets of C-MYC transcriptional repression;
Function	RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; protein binding; regulatory region DNA binding;