

Datasheet for ABIN6990493
anti-IRF8 antibody (C-Term)



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	IRF8
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	IRF8 antibody was raised against a peptide corresponding to 16 amino acids near the carboxy terminus of human IRF8. The immunogen is located within the last 50 amino acids of IRF8.
Isotype:	IgG
Purification:	IRF8 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	IRF8
Alternative Name:	IRF8 (IRF8 Products)
Background:	IRF8 Antibody: Interferons (IFN)s are involved in a multitude of immune interactions during viral infections and play a major role in both the induction and regulation of innate and adaptive antiviral mechanisms. During infection, host-virus interactions signal downstream molecules

Target Details

such as transcription factors such as IFN regulatory factor-3 (IRF3) which can act to stimulate transcription of IFN-alpha/beta genes. Unlike IRF3, IRF8 appears to act as a negative regulator of IFN-induced genes in most cases, but IRF8 mediates activation of NF-κB by the toll-like receptor 9 (TLR9) after stimulation by unmethylated CpG DNA in dendritic cells. Finally, it has been shown that IRF8 decreases bcl-2 expression and thus may play a role in chronic myelogenous leukemia.

Gene ID:	3394
UniProt:	Q02556
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	IRF8 antibody can be used for detection of IRF8 by Western blot at 1 μg/mL. For immunofluorescence start at 10 μg/mL. Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	IRF8 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	IRF8 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.