

Datasheet for ABIN500062

anti-IRF8 antibody**1** Image[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	IRF8
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF8 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Human IRF8 Peptide
Isotype:	IgG
Specificity:	IRF8 antibody was raised against a peptide corresponding to 16 amino acids near the carboxy-terminus of human IRF8.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	IRF8
Alternative Name:	IRF8 / ICSBP1 (IRF8 Products)
Background:	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 (1 for review). During infection, host-virus interactions signal downstream

Target Details

molecules 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 (2,3), but IRF8 mediates activation of NF-kappaB by the toll-like receptor 9 (TLR9) after stimulation by unmethylated CpG DNA in dendritic cells (4,5). Finally, it has been shown that IRF8 decreases bcl-2 expression and thus may play a role in chronic myelogenous leukemia (6).Synonyms: IRF-8, Interferon consensus sequence-binding protein, Interferon regulatory factor 8

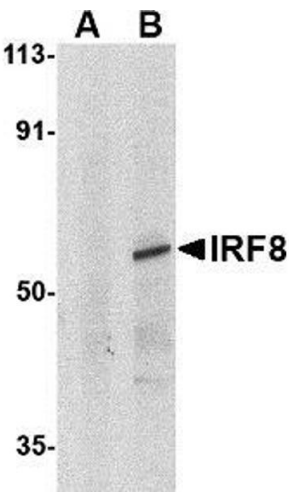
Gene ID:	3394
NCBI Accession:	NP_002154
UniProt:	Q02556
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	ELISA. Western Blot: 1 - 2 µg/mL. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Buffer:	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:	4 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C.



Western Blotting

Image 1. Western blot analysis of IRF8 in human thymus tissue lysate with AP30451PU-N IRF8 antibody at 1µg/ml in (A) the presence and (B) absence of blocking peptide.