

Datasheet for ABIN2777225
anti-IRF8 antibody (C-Term)



[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	IRF8
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	QLAEEAGKSC GAGSVMQAPE EPPPDQVFRM FPDICASHQR SFFRENQQIT
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against IRF8. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	IRF8
Alternative Name:	IRF8 (IRF8 Products)
Background:	Interferon regulatory factor 8 (IRF8, interferon consensus sequence-binding protein, ICSBP) is a

Target Details

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- α and IFN- β . IRF family proteins also control expression of IFN- α and IFN- β -regulated genes that are induced by viral infection.

Alias Symbols: H-ICSBP, ICSBP, ICSBP1, IRF-8

Protein Interaction Partner: SPI1, IRF1, TOP1, ZBTB17, PDGFRB, CBL, UBC, COPS4, COPS5, COPS6, COPS2, MID1, IRF6, GPS1, CDK4, SQSTM1, TRAF6, SMURF2, IRF2, TRIM21, IRF8, ETV6, RELA, NFKB1,

Protein Size: 426

Molecular Weight: 48 kDa

Gene ID: 3394

NCBI Accession: [NM_002163](#), [NP_002154](#)

UniProt: [Q02556](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 426 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Ye, Wang, Wang, Wang, Song, Hou, Zhou, Li, Ho: "CD56+ T cells inhibit hepatitis C virus replication in human hepatocytes." in: Hepatology (Baltimore, Md.) , Vol. 49, Issue 3, pp. 753-62, (2009) (PubMed).
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Images



Rabbit Anti-IRF8 Antibody
Catalog Number: ARP31199
Lot Number: QC7890
Lane: THP-1 Cell Lysate

Antibody Titration: 1.0 µg/ml
Gel Concentration: 12%

Western Blotting

Image 1. WB Suggested Anti-IRF8 Antibody Titration: 1.0 ug/ml Positive Control: THP-1 Whole Cell