

## ARG63235 anti-IRF8 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes IRF8
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	IRF8
Species	Human
Immunogen	C-QRSFFRENQQITV
Conjugation	Un-conjugated
Alternate Names	H-ICSBP; ICSBP; ICSBP1; IRF-8; IMD32A; IMD32B; Interferon consensus sequence-binding protein; Interferon regulatory factor 8

### Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.5 - 2 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

#### Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

#### Database links

[GeneID: 3394 Human](#)

[Swiss-port # Q02556 Human](#)

#### Background

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. [provided by RefSeq, Jul 2008]

#### Research Area

Gene Regulation antibody; Immune System antibody

#### Calculated Mw

48 kDa

#### PTM

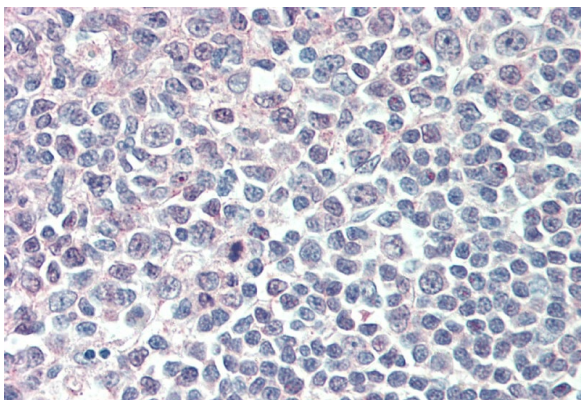
Ubiquitinated (PubMed:25122610). Ubiquitination by TRIM21 in macrophages, a process that is strongly increased upon interferon gamma stimulation, leads to the enhanced transcriptional activity of target cytokine genes (By similarity). Ubiquitination leads to its degradation by the proteasome (PubMed:25122610).  
Sumoylated with SUMO3. Desumoylated by SENP1.

## Images



ARG63235 anti-IRF8 antibody WB image

Western blot: 30 µg of K562 cell lysate (in RIPA buffer) stained with ARG63235 anti-IRF8 antibody at 1 µg/ml dilution and incubated at RT for 1 hour.



ARG63235 anti-IRF8 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human tonsil tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63235 anti-IRF8 antibody at 5 µg/ml dilution followed by AP-staining.