

IRF8 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56365**Specification****IRF8 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q02556
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48356

IRF8 Polyclonal Antibody - Additional Information**Gene ID** 3394**Other Names**

Interferon regulatory factor 8, IRF-8, Interferon consensus sequence-binding protein, H-ICSBP, ICSBP, IRF8 {ECO:0000303|PubMed:21524210, ECO:0000312|HGNC:HGNC:5358}

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
E ~ ~ N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

IRF8 Polyclonal Antibody - Protein Information**Name** IRF8 {ECO:0000303|PubMed:21524210, ECO:0000312|HGNC:HGNC:5358}**Function**

Transcription factor that specifically binds to the upstream regulatory region of type I interferon (IFN) and IFN-inducible MHC class I genes (the interferon consensus sequence (ICS)) (PubMed:25122610). Can both act as a transcriptional activator or repressor (By similarity). Plays a negative regulatory role in cells of the immune system (By similarity). Involved in CD8(+) dendritic cell differentiation by forming a complex with the BATF-JUNB heterodimer in immune cells, leading to recognition of AICE sequence (5'-TGAnTCA/GAAA- 3'), an immune-specific regulatory element, followed by cooperative binding of BATF and IRF8 and activation of genes (By similarity). Required for the development of plasmacytoid dendritic cells (pDCs), which produce most of the type I IFN in response to viral

infection (By similarity). Positively regulates macroautophagy in dendritic cells (PubMed:29434592). Acts as a transcriptional repressor of osteoclast differentiation factors such as NFATC1 and EEIG1 (By similarity).

Cellular Location

Nucleus. Cytoplasm Note=In resting macrophages, localizes in the cytoplasm. Translocated in the nucleus upon IFN-gamma induction.

Tissue Location

Predominantly expressed in lymphoid tissues.

IRF8 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IRF8 Polyclonal Antibody - Images