

# IRF1 Polyclonal Antibody

Catalog Number:E-AB-62105

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

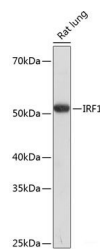
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	A synthetic peptide of human IRF1
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Applications Recommended Dilution

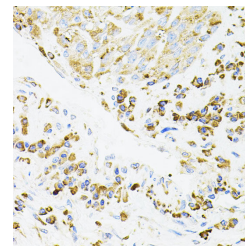
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:100
<b>IF</b>	1:50-1:100

## Data

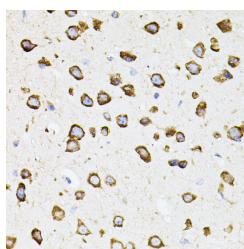


Western blot analysis of extracts of Rat lung using IRF1 Polyclonal Antibody at dilution of 1:1000.

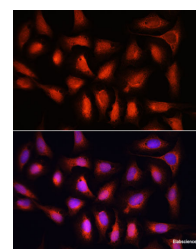
**Observed Mw:50KDa**  
**Calculated Mw:36kDa**



Immunohistochemistry of paraffin-embedded Human lung cancer using IRF1 Polyclonal Antibody



Immunohistochemistry of paraffin-embedded Mouse brain using IRF1 Polyclonal Antibody



Immunofluorescence analysis of U-2 OS cells using IRF1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

IRF1 encodes interferon regulatory factor 1, a member of the interferon regulatory transcription factor (IRF) family.

## For Research Use Only

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IRF1 serves as an activator of interferons alpha and beta transcription, and in mouse it has been shown to be required for double-stranded RNA induction of these genes. IRF1 also functions as a transcription activator of genes induced by interferons alpha, beta, and gamma. Further, IRF1 has been shown to play roles in regulating apoptosis and tumor-suppression.

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