

Datasheet for ABIN6972215
anti-IRF5 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | IRF5 |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This IRF5 antibody is un-conjugated |
| Application: | Western Blotting (WB), Chromatin Immunoprecipitation (ChIP), ChIP DNA-Sequencing (ChIP-seq) |

Product Details

| | |
|------------------|---|
| Immunogen: | This antibody was raised against a peptide within the N-terminal region of human IRF-5. |
| Isotype: | IgG |
| Characteristics: | IRF-5 (interferon regulatory factor 5) is a transcription factor involved in the induction of interferons IFNA and INFB and inflammatory cytokines upon virus infection. Activated by TLR7 or TLR8 signaling. IRF-5 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Chromatin Immunoprecipitation, ChIP-Seq and Western blot, it has been shown to react with Human samples. |
| Purification: | Affinity Purified |

Target Details

| | |
|-------------------|---|
| Target: | IRF5 |
| Alternative Name: | IRF-5 (IRF5 Products) |
| Molecular Weight: | 60 kDa |
| NCBI Accession: | NP_001092099 |
| Pathways: | TLR Signaling , Autophagy |

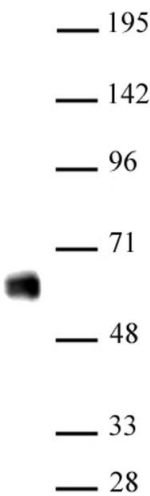
Application Details

| | |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

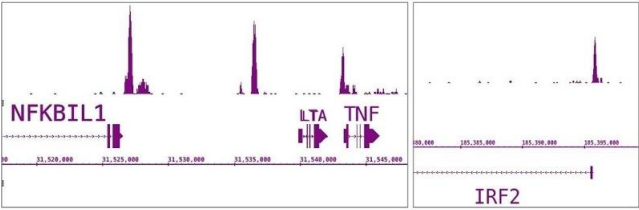
| | |
|--------------------|---|
| Buffer: | Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage. |

Images



Western Blotting

Image 1. IRF-5 antibody (pAb) tested by Western blot Nuclear extract of THP-1 cells (20 µg) probed with IRF-5 antibody (1:500).



ChIP DNA-Sequencing

Image 2. IRF-5 antibody (pAb) tested by ChIP-Seq. (ChIP) was performed using the ChIP-IT High Sensitivity Kit and 25 µg of chromatin from primary human macrophages + compound. ChIP DNA was sequenced on the Illumina HiSeq and 8 million sequence tags were mapped to identify IRF-5 binding sites across the genome. Both images show the expected enrichment.