

Product Datasheet

IRF3 Antibody - BSA Free NBP1-78769

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NBP1-78769

IRF3 Antibody - BSA Free

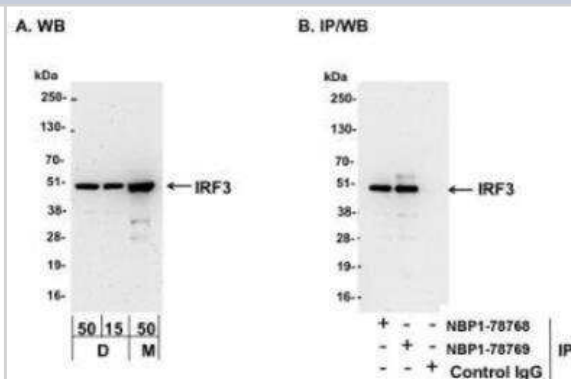
| Product Information | |
|-------------------------|---------------------------------------|
| Unit Size | 100 ul |
| Concentration | 1.0 mg/ml |
| Storage | Store at 4C. Do not freeze. |
| Clonality | Polyclonal |
| Preservative | 0.09% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | Tris-Citrate/Phosphate (pH 7.0 - 8.0) |
| Target Molecular Weight | 47 kDa |

| Product Description | |
|---------------------|--|
| Host | Rabbit |
| Gene ID | 3661 |
| Gene Symbol | IRF3 |
| Species | Mouse |
| Immunogen | The immunogen for this product maps to a region between residue 375 and 419 of mouse Interferon Regulatory Factor 3 using the numbering given in entry NP_058545.1 (GeneID 54131). |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:1000-1:2500, Immunoprecipitation 2-10 ug/mg lysate |
| Application Notes | Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE. |

Images

Western Blot: IRF3 Antibody [NBP1-78769] - Whole cell lysate from mouse bone marrow dendritic (D; 50 and 15 mcg for WB; 1 mg for IP, 20% of IP loaded), and NIH3T3 (M; 50 mcg) cells. Affinity purified rabbit anti-IRF3 antibody used for WB at 0.4 mcg/ml (A) and 1 mcg/ml (B) and used for IP at 6 mcg/mg lysate. IRF3 was also immunoprecipitated by rabbit anti-IRF3 antibody NBP1-78768 which recognizes a disparate epitope.



Publications

N Kerur, S Fukuda, D Banerjee, Y Kim, D Fu, I Apicella, A Varshney, R Yasuma, BJ Fowler, E Baghdasary, KM Marion, X Huang, T Yasuma, Y Hirano, V Serbulea, M Ambati, VL Ambati, Y Kajiwara, K Ambati, S Hirahara, A Bastos-Car, Y Ogura, H Terasaki, T Oshika, KB Kim, DR Hinton, N Leitinger, JC Cambier, JD Buxbaum, MC Kenney, SM Jazwinski, H Nagai, I Hara, AP West, KA Fitzgerald, SR Sadda, BD Gelfand, J Ambati cGAS drives noncanonical-inflammasome activation in age-related macular degeneration *Nat. Med.*, 2017-11-27;0(0):. 2017-11-27 [PMID: 29176737]

Glanz A, Chakravarty S, Fan S Et al. Autophagic degradation of IRF3 induced by the small-molecule auranofin inhibits its transcriptional and proapoptotic activities *The Journal of biological chemistry* 2021-10-05 [PMID: 34619149]

Banerjee D, Langberg K, Abbas S Et al. A non-canonical, interferon-independent signaling activity of cGAMP triggers DNA damage response signaling *Nature communications* 2021-10-27 [PMID: 34707113] (WB, Mouse)





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Products Related to NBP1-78769

| | |
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| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| NBC1-18469 | Recombinant Human IRF3 Protein |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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