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GBP1 (C2) Antibody, Rabbit Polyclonal

Cat#: R3725-2

Quantity: 100 ul

Predicted | Observed M.W.: 68 kD

Lot#: Refer to vial

Application: WB

Uniprot ID: Q01514

Background:

GBP1 (guanylate-binding protein 1) hydrolyzes GTP to GMP in 2 consecutive cleavage reactions. GBP1 exhibits antiviral activity against influenza virus and promote oxidative killing and deliver antimicrobial peptides to autophagolysosomes, providing broad host protection against different pathogen classes.

Other Names:

GTP-binding protein 1, Interferon-gamma-inducible protein MAG-1, Interferon-induced guanylate-binding protein 1, GBP-1, mGBP-1, mGBP1, mGBP2b, GBP2b

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of mouse GBP1 protein. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Mouse

Tested Applications:

WB: 1:500-1:2,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

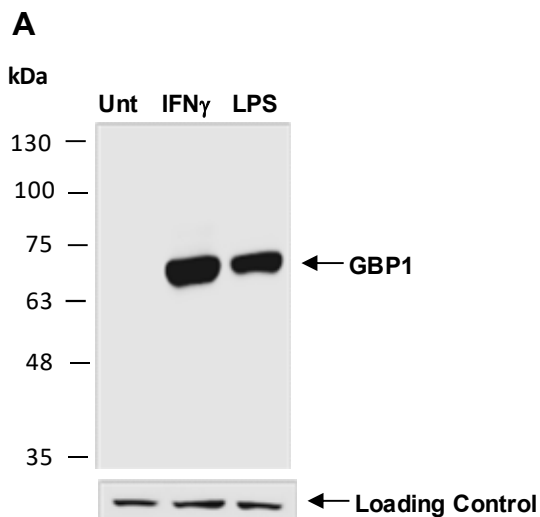


Fig 1. Western blot analysis of equal amounts of protein extracts from mouse bone marrow-derived macrophage (BMDM) cells untreated (Unt) or treated with IFN-gamma for 20 hr (IFN γ) or LPS for 20 hr as indicated, using anti-GBP1(C2) (R3725-2) at RT for 2 hr.