

GBP1 Antibody

Catalog No: #34250

Package Size: #34250-1 50ul #34250-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

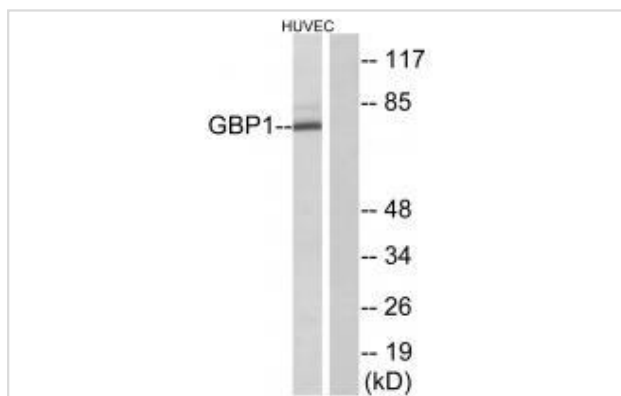
Product Name	GBP1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total GBP1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human GBP1.
Target Name	GBP1
Other Names	GBP-1; Guanine nucleotide-binding protein 1; Interferon-gamma inducible protein MAG-1; Interferon-induced guanylate-binding protein 1; MAG-1
Accession No.	Swiss-Prot: P32455NCBI Gene ID: 2633
SDS-PAGE MW	68kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

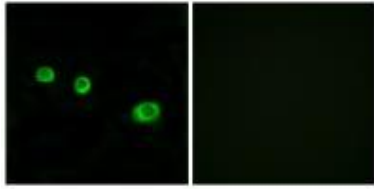
Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from HUVEC cells, using GBP1 antibody #34250.

Immunofluorescence analysis of MCF-7 cells, using GBP1 antibody #34250.



Background

Hydrolyzes GTP to GMP in two consecutive cleavage reactions. Exhibits antiviral activity against influenza virus. Promote oxidative killing and deliver antimicrobial peptides to autophagolysosomes, providing broad host protection against different pathogen classes.

Cheng Y.-S.E., Mol. Cell. Biol. 11:4717-4725(1991).

The MGC Project Team; Genome Res. 14:2121-2127(2004).

Nantais D.E., J. Leukoc. Biol. 60:423-431(1996).

Published Papers

el at., Mechanism of mitigating effect of wheat germ peptides on lead-induced oxidative damage in PC12 cells. In Ecotoxicol Environ Saf on 2022 Nov by Ning Li, Liuding Wen, et al..PMID: 36252511, , (2022)

[PMID:36252511](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.