

GBP1 rabbit pAb

Cat#: orb768366 (Manual)

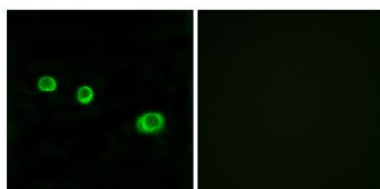
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Product Name	GBP1 rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human GBP1. AA range:71-120
Specificity	GBP1 Polyclonal Antibody detects endogenous levels of GBP1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Interferon-induced guanylate-binding protein 1
Gene Name	GBP1
Cellular localization	Cytoplasm . Golgi apparatus membrane; Lipid-anchor ; Cytoplasmic side. Cell membrane . Secreted . Cytoplasmic vesicle . Secreted from endothelial cells in the cerebrospinal fluid, upon bacterial challenge and independently of IFNG induction. Golgi membran
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

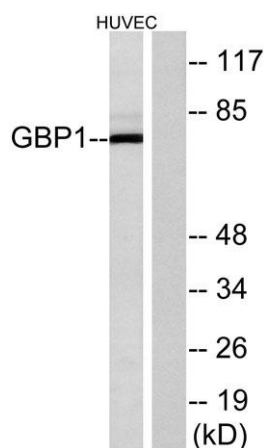
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	68kD
Human Gene ID	2633
Human Swiss-Prot Number	P32455
Alternative Names	GBP1; Interferon-induced guanylate-binding protein 1; GTP-binding protein 1; GBP-1; HuGBP-1; Guanine nucleotide-binding protein 1

Background

Guanylate binding protein expression is induced by interferon. Guanylate binding proteins are characterized by their ability to specifically bind guanine nucleotides (GMP, GDP, and GTP) and are distinguished from the GTP-binding proteins by the presence of 2 binding motifs rather than 3. [provided by RefSeq, Jul 2008],



Immunofluorescence analysis of MCF7 cells, using GBP1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC cells, using GBP1 Antibody. The lane on the right is blocked with the synthesized peptide.



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