Datasheet for ABIN1534411

anti-GBP1 antibody (AA 71-120)

2 Images

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Overview

Quantity:	100 µL
Target:	GBP1
Binding Specificity:	AA 71-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GBP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human GBP1.
Isotype:	IgG
Specificity:	GBP1 Antibody detects endogenous levels of total GBP1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	GBP1
Alternative Name:	GBP1 (GBP1 Products)
Background:	Synonyms: Interferon-induced guanylate-binding protein 1, GTP-binding protein 1, Guanine

Target Details

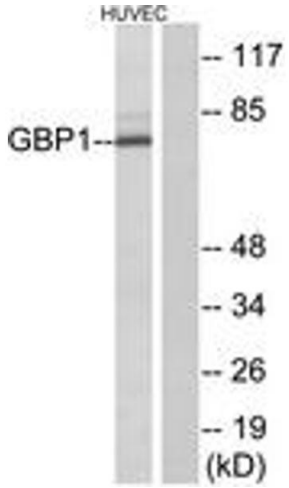
	nucleotide-binding protein 1, GBP-1, HuGBP-1 NCBI Gene Symbol: GBP1
Molecular Weight:	67 kDa
Gene ID:	2633
OMIM:	600411
UniProt:	P32455
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:40000
Comment:	Unigene-Number: Hs.62661 (NCBI Gene Symbol: GBP1)
Restrictions:	For Research Use only

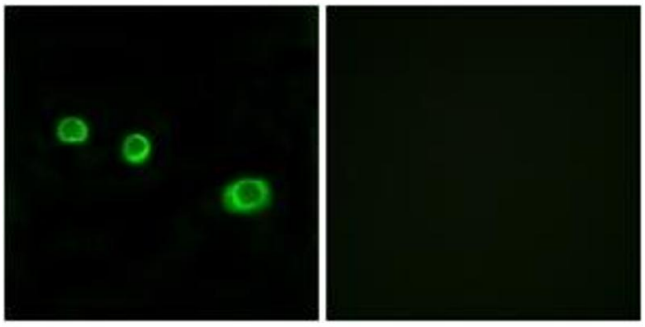
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HuvEc cells, using GBP1 Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of MCF7 cells, using GBP1 Antibody. The picture on the right is treated with the synthesized peptide.