

Datasheet for ABIN7262809

**anti-GBP1 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	GBP1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GBP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein of human GBP1 (NP_002044.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	GBP1
Alternative Name:	GBP1 ( <a href="#">GBP1 Products</a> )
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.

## Target Details

Molecular Weight:	Observed_MW: 68 kDa
	Calculated_MW: 67 kDa
Gene ID:	2633
UniProt:	<a href="#">P32455</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a>

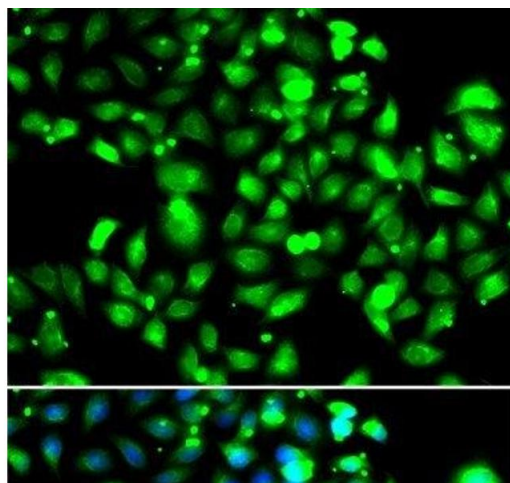
## Application Details

Application Notes:	WB 1:500-1:2000 IF 1:50-1:100
Restrictions:	For Research Use only

## Handling

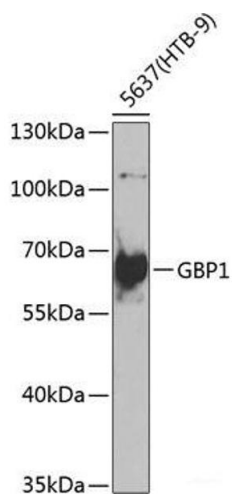
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using GBP1 Polyclonal Antibody



#### Western Blotting

**Image 2.** Western blot analysis of extracts of 5637(HTB-9) cells using GBP1 Polyclonal Antibody at dilution of 1:1000.