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Datasheet for ABIN7154776

**anti-GBP2 antibody (AA 100-259) (HRP)**

## Overview

Quantity:	100 µg
Target:	GBP2
Binding Specificity:	AA 100-259
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GBP2 antibody is conjugated to HRP
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Guanylate-binding protein 2 protein (100-259AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	GBP2
Alternative Name:	GBP2 ( <a href="#">GBP2 Products</a> )
Background:	Background: Hydrolyzes GTP to GMP in 2 consecutive cleavage reactions, but the major reaction product is GDP (PubMed:8706832). Exhibits antiviral activity against influenza virus.

## Target Details

Promote oxidative killing and deliver antimicrobial peptides to autophagolysosomes, providing broad host protection against different pathogen classes (By similarity).

Aliases: GBP2Guanylate-binding protein 2 antibody, EC 3.6.5.- antibody, GTP-binding protein 2 antibody, GBP-2 antibody, HuGBP-2 antibody, Guanine nucleotide-binding protein 2 antibody, Interferon-induced guanylate-binding protein 2 antibody

UniProt: [P32456](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.