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## Datasheet for ABIN7114834 **anti-GBP2 antibody**

### Overview

Quantity:	100 µg
Target:	GBP2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GBP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

### Product Details

Immunogen:	guanylate binding protein 2, interferon-inducible
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	GBP2
Alternative Name:	GBP2 ( <a href="#">GBP2 Products</a> )
Background:	Synonyms:GBP 2, GBP2, GTP binding protein 2, HuGBP 2 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. Promote oxidative killing and deliver antimicrobial peptides to autophagolysosomes, providing broad host protection against

## Target Details

	different pathogen classes(By similarity).
Molecular Weight:	67 kDa
Gene ID:	2634
UniProt:	<a href="#">P32456</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a>

## Application Details

Application Notes:	WB: 1:500-1:3000, IHC: 1:50-1:500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 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:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months