



# Rabbit Anti-Human GBP4 Polyclonal Antibody (CABT-L2077)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Polyclonal Antibody to Guanylate Binding Protein 4 (Knockout Validated)
<b>Specificity</b>	The antibody is a rabbit polyclonal antibody raised against GBP4. It has been selected for its ability to recognize GBP4 in immunohistochemical staining and western blotting.
<b>Target</b>	GBP4
<b>Immunogen</b>	Recombinant fragment corresponding to human GBP4 (Met1~Lys292)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µg
<b>Buffer</b>	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
<b>Preservative</b>	0.05% Proclin-300

<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
<b>Ship</b>	4°C with ice bags

## BACKGROUND

<b>Introduction</b>	Guanylate-binding proteins, such as GBP4, are induced by interferon and hydrolyze GTP to both GDP and GMP (Vestal, 2005 [PubMed 16108726]).[supplied by OMIM, Dec 2008]
<b>Keywords</b>	GTP-binding protein 4;Guanine nucleotide-binding protein 4

## GENE INFORMATION

<b>Gene Name</b>	GBP4 guanylate binding protein 4 [ Homo sapiens (human) ]
<b>Official Symbol</b>	GBP4
<b>Synonyms</b>	GBP4; guanylate binding protein 4; Mpa2; guanylate-binding protein 4; GBP-4; GTP-binding protein 4; guanine nucleotide-binding protein 4;
<b>Entrez Gene ID</b>	<a href="#">115361</a>
<b>Protein Refseq</b>	NP_443173
<b>UniProt ID</b>	<a href="#">Q96PP9</a>
<b>Chromosome Location</b>	1p22.2
<b>Pathway</b>	Cytokine Signaling in Immune system; Immune System; Interferon Signaling; Interferon gamma signaling;
<b>Function</b>	GTP binding; GTPase activity;