

Datasheet for ABIN7154777  
**anti-GBP4 antibody (AA 494-603)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µg
Target:	GBP4
Binding Specificity:	AA 494-603
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GBP4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Guanylate-binding protein 4 protein (494-603AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	GBP4
Alternative Name:	GBP4 ( <a href="#">GBP4 Products</a> )
Background:	Background: Binds GTP, GDP and GMP. Hydrolyzes GTP very efficiently, GDP rather than GMP is the major reaction product. Plays a role in erythroid differentiation (By similarity).

## Target Details

Aliases: GBP 4 antibody, GBP-4 antibody, GBP4 antibody, GBP4\_HUMAN antibody, GTP binding protein 4 antibody, GTP-binding protein 4 antibody, Guanine nucleotide binding protein 4 antibody, Guanine nucleotide-binding protein 4 antibody, Guanylate binding protein 4 antibody, Guanylate-binding protein 4 antibody, Mpa2 antibody

UniProt: [Q96PP9](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000, IF:1:200-1:500,

Restrictions: For Research Use only

## Handling

Format: Liquid

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

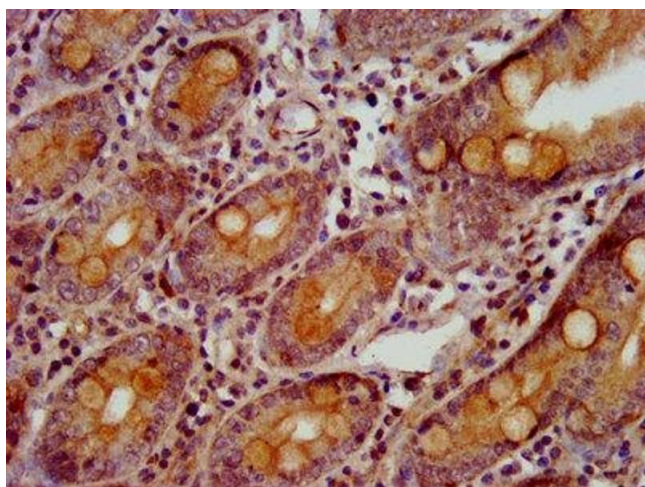
Preservative: ProClin

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

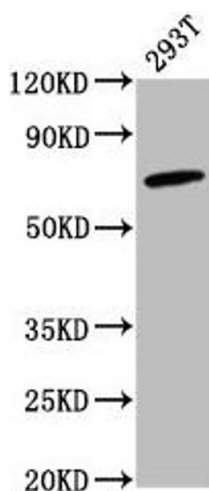
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



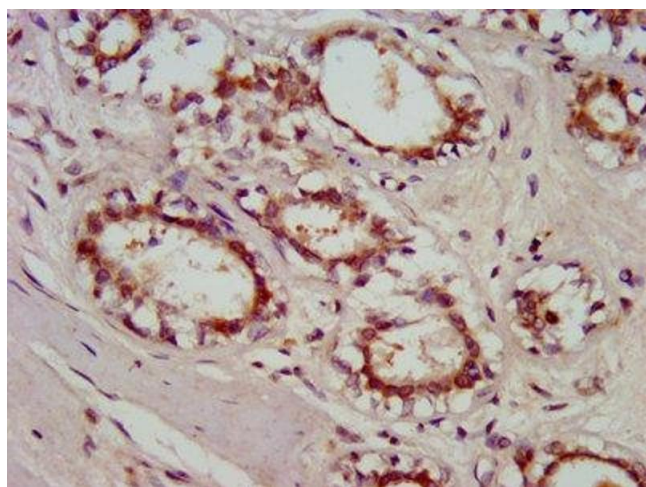
### Immunohistochemistry

**Image 1.** IHC image of ABIN7154777 diluted at 1:800 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: 293T whole cell lysate All lanes: GBP4 antibody at 2.6 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 74 kDa Observed band size: 74 kDa



### Immunohistochemistry

**Image 3.** IHC image of ABIN7154777 diluted at 1:800 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7154777.