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Datasheet for ABIN7154781  
**anti-GBP5 antibody (AA 321-500)**

2 Images

Overview

Quantity:	100 µg
Target:	GBP5
Binding Specificity:	AA 321-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GBP5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Guanylate-binding protein 5 protein (321-500AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	GBP5
Alternative Name:	GBP5 ( <a href="#">GBP5 Products</a> )
Background:	Background: As an activator of NLRP3 inflammasome assembly, plays a role in innate immunity and inflammation. Promotes selective NLRP3 inflammasome assembly in response

## Target Details

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to microbial and soluble, but not crystalline, agents (PubMed:22461501). Hydrolyzes GTP, but in contrast to other family members, does not produce GMP (PubMed:20180847).

Aliases: GBP 5 antibody, GBP TA antigen antibody, GBP-5 antibody, GBP-TA antigen antibody, GBP5 antibody, GBP5\_HUMAN antibody, GTP binding protein 5 antibody, GTP-binding protein 5 antibody, Guanine nucleotide binding protein 5 antibody, Guanine nucleotide-binding protein 5 antibody, Guanylate binding protein 5 antibody, Guanylate-binding protein 5 antibody, UNQ2427/PRO4987 antibody

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UniProt: [Q96PP8](#)

## Application Details

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Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

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Format: Liquid

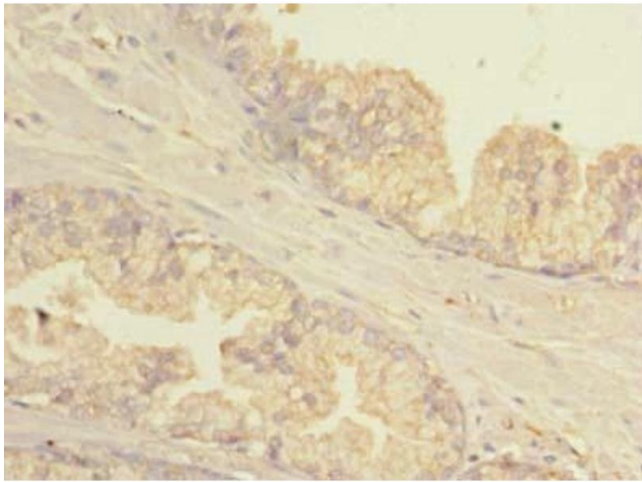
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

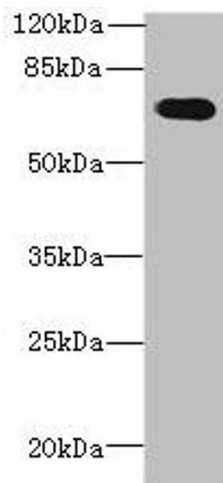
Storage: -20 °C,-80 °C

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



### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human prostate cancer using ABIN7154781 at dilution of 1:100



### Western Blotting

**Image 2.** Western blot All lanes: GBP5 antibody at 6  $\mu\text{g}/\text{mL}$  + Mouse thymus tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 67, 56 kDa Observed band size: 67 kDa