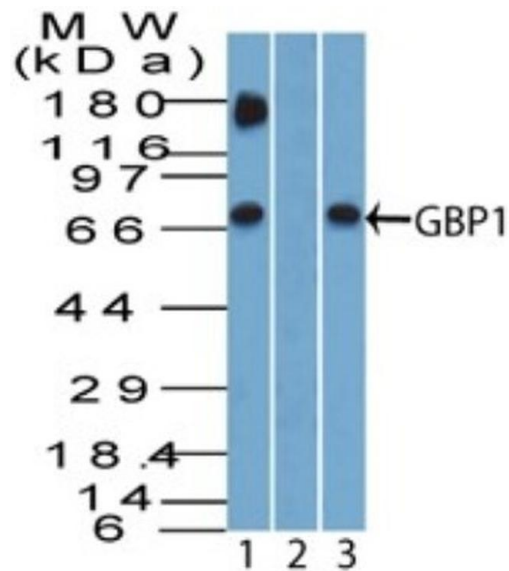


# GBP1 Polyclonal Antibody

| Product Details    |  |
|--------------------|--|
| Size               | 100 µg   |
| Species Reactivity | Human, Mouse   |
| Published Species  | Mouse  |
| Host/Isotype       | Rabbit / IgG   |
| Class              | Polyclonal   |
| Type               | Antibody   |
| Conjugate          | Unconjugated   |
| Immunogen          | A portion of amino acids 500-550 of human GBP1   |
| Form               | Liquid   |
| Concentration      | 0.5 mg/mL  |
| Purification       | Protein A  |
| Storage buffer     | PBS with 0.05% BSA   |
| Contains           | 0.05% sodium azide   |
| Storage conditions | Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. |
| RRID               | AB_2541009   |

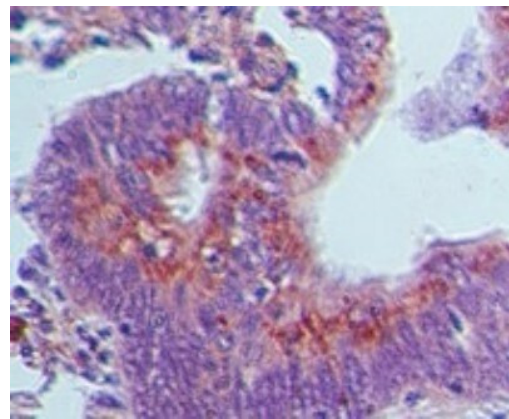
| Applications                              | Tested Dilution | Publications   |
|---|-----------------|----------------|
| Western Blot (WB)                         | 2-4 µg/mL       | -              |
| Immunohistochemistry (IHC)                | -               | 2 Publications |
| Immunohistochemistry (Paraffin) (IHC (P)) | 5 µg/mL         | -              |
| Immunocytochemistry (ICC/IF)              | -               | 1 Publication  |

Product Images For GBP1 Polyclonal Antibody



**GBP1 Antibody (PA5-23509) in WB**

Western blot analysis of GBP1 in human HCT-116 lysate in the absence (1) and presence (2) of immunizing peptide and mouse RAW cell lysate (3). Samples were incubated in GBP1 polyclonal antibody (Product # PA5-23509) using a dilution of 3 µg/mL followed by a goat anti-rabbit Ig HRP secondary antibody. PicoTect ECL substrate solution was used for this test.



**GBP1 Antibody (PA5-23509) in IHC (P)**

Immunohistochemical analysis of GBP1 in Human rectum tissue. Samples were incubated in GBP1 polyclonal antibody (Product # PA5-23509) using a dilution of 5 µg/mL.

[View more figures on thermofisher.cn](https://www.thermofisher.cn)

Immunohistochemistry (2)

|   |                   |
|---|-------------------|
| Virulence   | Year<br>2022      |
| <b>Guanylate-Binding protein 2b regulates the AMPK/mTOR/ULK1 signalling pathway to induce autophagy during <i>Mycobacterium bovis</i> infection.</b>                  | Species<br>Mouse  |
| "PA5-23509 was used in Immunohistochemistry to reveal that the activation of AMPK signaling was essential for the regulation of autophagy during M. bovis infection." | Dilution<br>1:200 |
| Authors: Yu Y,Pan J,Liu M,Jiang H,Xiong J,Tao L,Xue F,Tang F,Wang H,Dai J   |                   |

|  |              |
|--|--------------|
| Frontiers in immunology  | Year<br>2019 |
| <b>Genetic Regulation of Guanylate-Binding Proteins 2b and 5 during Leishmaniasis in Mice.</b> |              |
| "Published figure using GBP1 polyclonal antibody (Product # PA5-23509) in Immunofluorescence"  |              |
| Authors: Sohrabi Y,Volkova V,Kobets T,Havelková H,Krayem I,Slapniková M,Demant P,Lipoldová M   |              |

Immunocytochemistry (1)

|  |              |
|--|--------------|
| Frontiers in immunology  | Year<br>2019 |
| <b>Genetic Regulation of Guanylate-Binding Proteins 2b and 5 during Leishmaniasis in Mice.</b> |              |
| "Published figure using GBP1 polyclonal antibody (Product # PA5-23509) in Immunofluorescence"  |              |
| Authors: Sohrabi Y,Volkova V,Kobets T,Havelková H,Krayem I,Slapniková M,Demant P,Lipoldová M   |              |

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