

Datasheet for ABIN7429802

**anti-Interferon gamma antibody (AA 24-166)**[Go to Product page](#)**1** Image

## Overview

|                      |                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                    |
| Target:              | Interferon gamma (IFNG)                                                                                   |
| Binding Specificity: | AA 24-166                                                                                                 |
| Reactivity:          | Cow                                                                                                       |
| Host:                | Rabbit                                                                                                    |
| Clonality:           | Polyclonal                                                                                                |
| Conjugate:           | This Interferon gamma antibody is un-conjugated                                                           |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP),<br>Immunocytochemistry (ICC) |

## Product Details

|                   |                                                                                                                                                                                |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:          | Polyclonal Antibody to Interferon Gamma (IFNg)                                                                                                                                 |
| Immunogen:        | Recombinant Interferon Gamma (IFNg) corresponding to Gln24~Thr166 with N-terminal His Tag                                                                                      |
| Isotype:          | IgG                                                                                                                                                                            |
| Specificity:      | The antibody is a rabbit polyclonal antibody raised against IFNg. It has been selected for its ability to recognize IFNg in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Human                                                                                                                                                                          |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                         |

## Target Details

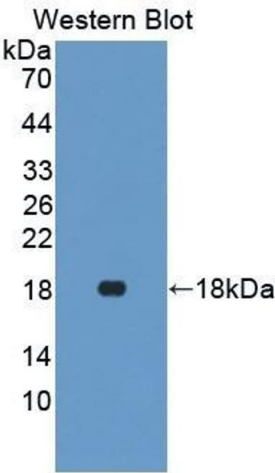
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | Interferon gamma (IFNG)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Alternative Name: | IFNg ( <a href="#">IFNG Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Background:       | IFN-G, IFG, IFI, INFr, IFN, Immune Interferon                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| UniProt:          | <a href="#">P07353</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Pathways:         | <a href="#">Interferon-gamma Pathway</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">ER-Nucleus Signaling</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Protein targeting to Nucleus</a> , <a href="#">Autophagy</a> |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.                                                                                                                                                                        |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                               |

## Handling

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                          |
| Concentration:     | 0.5 mg/mL                                                                                                                                                       |
| Buffer:            | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.                                                                                                     |
| 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:           | 4 °C, -20 °C                                                                                                                                                    |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date:       | 24 months                                                                                                                                                       |



Western Blotting

**Image 1.** Detection of Recombinant IFN $\gamma$ , Bovine using Polyclonal Antibody to Interferon Gamma (IFN $\gamma$ )