

## Prohibitin Human, Rabbit Polyclonal Antibody

### Product Data Sheet

**Source of Antigen:** *E. coli*

**Host:** Rabbit

**Cat. No.:**

RD181239100

(0.1 mg)

**Other names:** PHB

### Preparation

The antibody was raised in rabbits by immunization with the recombinant Human Prohibitin.

### Amino Acid Sequence

The immunization antigen (31 kDa) is a protein containing 282 AA of recombinant Human Prohibitin. N-terminal His-tag, 10 extra AA (highlighted).

**MKHHHHHHHAS** MAAKVFESIG KFGALAVAG GVVNSALYNV DAGHRAVIFD RFRGVQDIVV GEGTHFLIPWV  
QKPIIFDCRS RPRNVPVITG SKDLQNVNIT LRILFRPVAS QLPRIFTSIG EDYDERVLPV ITTEILKSVV ARFDAGELIT  
QRELVSRQVS DDLTERAATF GLILDDVSLT HLTFGKEFTE AVEAKQVAQQ EAERARFVVE KAEQQKKA  
IAEGDSKAA ELIANSLATA GDGLIELRKL EAAEDIAYQL SRSRNITYLP AGQSVLLQLP Q

### Species Reactivity

Human

Not yet tested in other species.

### Purification Method

Immunoaffinity chromatography on a column with immobilized recombinant Human Prohibitin.

### Antibody Content

0.1 mg (determined by BCA method, BSA was used as a standard)

### Formulation

The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2. **AZIDE FREE.**

### Reconstitution

Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

### Shipping

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

### Storage/Stability

The lyophilized antibody remains stable and fully active until the expiry date when stored at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at -80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C.

### Expiration

See vial label.

### Lot Number

See vial label.

### Quality Control Test

Indirect ELISA - to determine titer of the antibody

SDS PAGE - to determine purity of the antibody

## Applications

### Note

This product is for research use only.

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