

Regucalcin Human, Rabbit Polyclonal Antibody

Product Data Sheet

Source of Antigen: *E. coli*

Cat. No.:

Host: Rabbit

RD181257100

(0.1 mg)

Other names: RC, Gluconolactonase, GNL, EC=3.1.1.17, Senescence marker protein 30, SMP-30, RGN

Preparation

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

Amino Acid Sequence

The immunization antigen (34.49 kDa) is a protein containing 309 AA of recombinant Human Regucalcin. UniProtKB acc.no. Q15493. N-terminal His-tag, 10 extra AA (highlighted)..

MKHHHHHHAS MSSIKIECVL PENCRCGESP VWEEVNSLL FVDIPAKKVC RWDSFTKQVQ RVTMDAPVSS VALRQSGGYV ATIGTKFCAL NWKEQSAVVL
ATVDNDKKNR RFDGKVDPA GRYPAGTMAE ETAPAVLERH QGALYSLFPD HHVKKYFDQV DISNGLDWSL DHKIFYIYDS LSYSVDAFDY DLQTGQISNR
RSVYKLEKEE QIPDGMCI DA EGKLWVACYN GGRVIRLDPV TGKRLQTVKL PVDKTTSCCF GGKNYSEMYV TCARDGMDPE GLLRQPEAGG IFKITGLGVK
GIAPYSYAG

Species Reactivity

Human

Not yet tested in other species.

Purification Method

Immunoaffinity chromatography on a column with immobilized recombinant Human Regucalcin.

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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