

PRODUCT DATA SHEET

Secretagodin Rat, Rabbit Polyclonal Antibody

Cat. No.: RD381120100**Size:** 0.1 mg**Source of Antigen:** E. coli**Type:** Polyclonal Antibody**Host:** Rabbit**Isotype:** IgG**Other Names:**

SCGN, SECRET

Preparation:

The antibody was raised in rabbits by immunization with the recombinant Rat Secretagodin.

Amino Acid Sequence of Immunogen:

Recombinant Rat Secretagodin, total 286 AA. MW: 33.3 kDa (calculated). UniProtKB acc.no. Q6R556. N-terminal His-tag, 10 extra AA.

MKHHHHHHAS MDNAHRQTQA HLDAACFWQI WQRFDKDEKG YIKETELDAF FDDLAKFGI
EDTLMEENVQ KMKEQLMVGH DISKEGRILM KELASMFLSE DENFLLFFRL ETPLDNSVEF
MQIWRKYDAD SSGFISAAEL SNFLRDLFLH HKKVISEAEL EYTTSTMMKI FDRNKDGRLD
LNDLARILAL QENFLLQFKM DASSTEERKR DFEKIFAHYD VSKTGALEGP EVDGFVKDMM
ELVQPSISGV DLDKFFREILL RHCDVKNKDGK IQKSELALCL GLKINP

Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Rat Secretagodin.

Species Reactivity:

Human. Not yet tested in other species.

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.

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.

Quality Control:

Indirect ELISA – to determine titer of the antibody

SDS PAGE – to determine purity of the antibody

BCA - to determine quantity of the antibody

Applications:

Immunohistochemistry, Western blotting

Note:

This product is for research use only.