

PRODUCT DATA SHEET

Stanniocalcin 1 Human, Rabbit Polyclonal Antibody

Cat. No.: RD181095100**Size:** 0.1 mg**Source of Antigen:** 293 cell line (Human embryonic kidney) **Type:** Polyclonal Antibody**Host:** Rabbit**Other Names:**

STC1, STC

Preparation:

The antibody was raised in rabbits by immunization with the recombinant Human STC-1.

Amino Acid Sequence of Immunogen:

The immunization antigen (25.9 kDa) is a protein containing 240 AA of recombinant Human STC-1. C-Terminal Flag-tag, 10AA. The AA sequence is identical to Swiss-Prot- P52823.

THEAEQNDSV SPRKSRVAAQ NSAEVVRCLN SALQVCGGAF ACLENSTCDT DGMVDICKSF
LYSAAKFDTQ GKAFVKESLK CIANGVTSKV FLAIRRCSTF QRMIAEVQEE CYSKLVNCSI
AKRNPEAITE VVQLPNHFSN RYYNRLVRS LECDEDTVST IRDSLMEKIG PNMASLFHIL
QTDHCAQTHP RADFNRRRTN EPQKLKVLLR NLRGEEDSPS HIKRTSHESA ASDYKDDDDK

Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Human STC-1.

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:

Western blotting

Note:

This product is for research use only.