

Anti-Stanniocalcin 2 Antibody
Catalog # ABO11307**Specification**

Anti-Stanniocalcin 2 Antibody - Product Information

Application	WB
Primary Accession	O76061
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Stanniocalcin-2(STC2) detection. Tested with WB in Human;Mouse;Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-Stanniocalcin 2 Antibody - Additional Information

Gene ID 8614

Other Names

Stanniocalcin-2, STC-2, Stanniocalcin-related protein, STC-related protein, STCRP, STC2

Calculated MW

33249 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human, Rat, Mouse

Subcellular Localization

Secreted .

Tissue Specificity

Expressed in a variety of tissues including muscle, heart, pancreas, kidney, spleen, prostate, small intestine, colon and peripheral blood leukocytes.

Protein Name

Stanniocalcin-2

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminus of human Stanniocalcin 2(287-302aa SSEWEDEQSEYSDIRR), identical to the related rat and mouse sequences.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-Stanniocalcin 2 Antibody - Protein Information

Name STC2

Function

Has an anti-hypocalcemic action on calcium and phosphate homeostasis.

Cellular Location

Secreted.

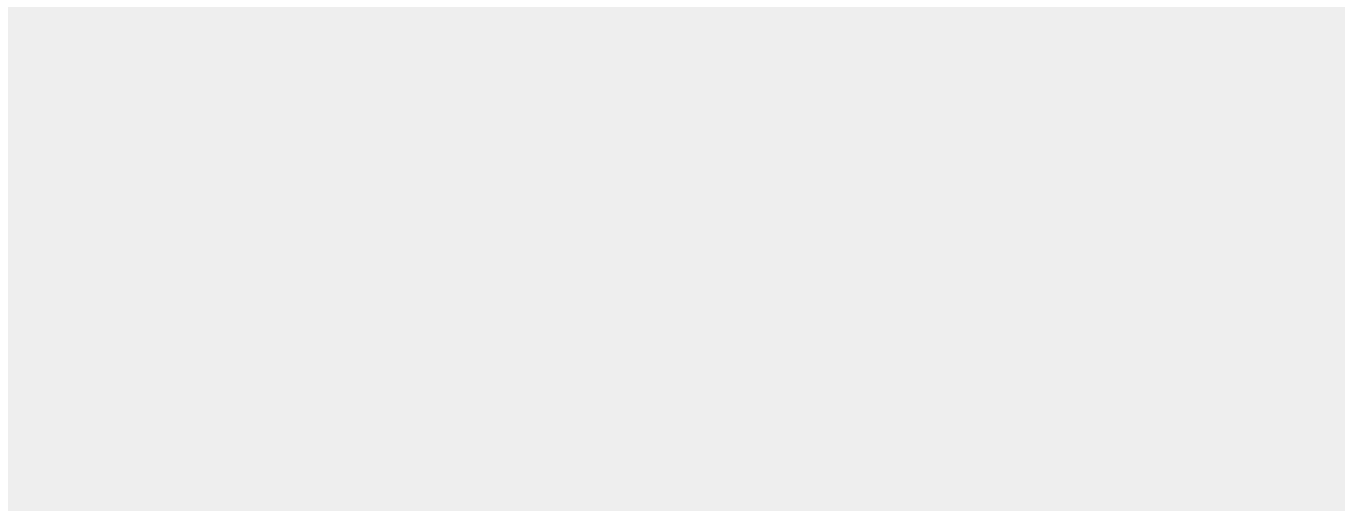
Tissue Location

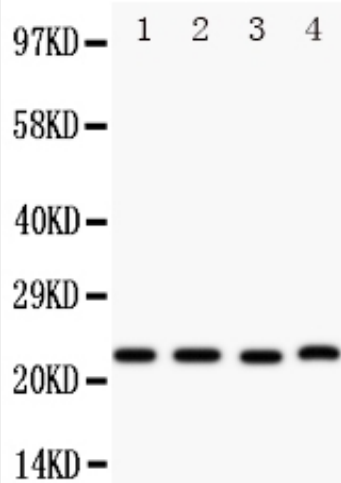
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Anti-Stanniocalcin 2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Stanniocalcin 2 Antibody - Images



Anti-Stanniocalcin 2 antibody, ABO11307, Western blotting All lanes: Anti STC2 (ABO11307) at 0.5ug/ml
Lane 1: HELA Whole Cell Lysate at 40ug
Lane 2: MCF-7 Whole Cell Lysate at 40ug
Lane 3: Rat Kidney Tissue Lysate at 50ug
Lane 4: Rat Intestine Tissue Lysate at 50ug
Predicted bind size: 23KD
Observed bind size: 23KD

Anti-Stanniocalcin 2 Antibody - Background

STC2(Stanniocalcin 2), also called STCRP, is a protein that in humans is encoded by the STC2 gene. By Western blot analysis, Jellinek et al.(2000) showed that STC1 is a secreted 31-kD doublet protein and STC2 is a secreted 32-kD protein. Autoradiographic analysis determined that STC2 is not stored or phosphorylated intracellularly and that it undergoes constitutive secretion.