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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Stanniocalcin-1 (STC1). Rabbit Polyclonal Antibody

BACKGROUND

Stanniocalcin 1 is a secreted disulfide-linked homodimeric glycoprotein belonging to the stanniocalcin family of proteins. It is widely expressed and has endocrine/paracrine/autocrine functions relating to calcium and phosphate homeostasis, reproduction, and development. In the ovary, it has been shown to be a paracrine hormone that regulates granulosa cell function. It also has been known to stimulate renal phosphate reabsorption, and could therefore prevent hypercalcemia.

ORDERING INFORMATION

CATALOG NUMBER

X2405P

SIZE

100 µg

FORM

Unconjugated

HOST/CLONE

Rabbit

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG

APPLICATIONS

Western Blot, ELISA

SPECIES REACTIVITY

Human

ACCESSION NUMBER

P52823, Human

IMMUNOGEN

Synthetic peptide derived from the human STC-1 protein.

POSITIVE CONTROL/TISSUE EXPRESSION

Expressed in most tissues, with the highest levels in ovary, prostate, heart, kidney and thyroid. In the kidney, expression is confined to the nephron, specifically in the distal convoluted tubule and in the collecting tubule. Not detected in the brain, liver, spleen, peripheral blood leukocytes, adrenal medulla.

COMMENTS

Optimal concentration should be evaluated by serial dilutions.

PURIFICATION

Ammonium Sulfate Precipitation

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

1. Jeffrey K.J., Reddel R.R., "Characterization of the human stanniocalcin 1 gene. Submitted (MAR-2000) to the EMBL/GenBank/DDBJ databases
2. Olsen H.S., Cepeda M.A., Zhang Q.-Q., Rosen C.A., Vozzolo B.L., Wagner G.F., Human stanniocalcin: a possible hormonal regulator of mineral metabolism. Proc. Natl. Acad. Sci. U.S.A. 93:1792-1796(1996) [PubMed: 8700837] [Abstract]