



Anti-STC1 (aa 84-247) polyclonal antibody (DPAB-DC2981)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a secreted, homodimeric glycoprotein that is expressed in a wide variety of tissues and may have autocrine or paracrine functions. The gene contains a 5 UTR rich in CAG trinucleotide repeats. The encoded protein contains 11 conserved cysteine residues and is phosphorylated by protein kinase C exclusively on its serine residues. The protein may play a role in the regulation of renal and intestinal calcium and phosphate transport, cell metabolism, or cellular calcium/phosphate homeostasis. Overexpression of human stanniocalcin 1 in mice produces high serum phosphate levels, dwarfism, and increased metabolic rate. This gene has altered expression in hepatocellular, ovarian, and breast cancers.
Immunogen	Recombinant Flag fusion protein corresponding to amino acids 84-247 of human STC1.
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Size	50 µl
Buffer	In PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	STC1 stanniocalcin 1 [Homo sapiens (human)]
Official Symbol	STC1
Synonyms	STC1; stanniocalcin 1; STC; stanniocalcin-1;
Entrez Gene ID	6781
Protein Refseq	NP_003146
UniProt ID	P52823
Chromosome Location	8p21-p11.2
Function	hormone activity;
