

For Research Use Only

Stanniocalcin 2 Recombinant antibody

Catalog Number: 85910-1-RR



Basic Information

Catalog Number: 85910-1-RR	GenBank Accession Number: NM_003714.3	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 8614	CloneNo.: 250328A9
Source: Rabbit	UNIPROT ID: O76061	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: stanniocalcin 2	
Immunogen Catalog Number: EG3119	Calculated MW: 33 kDa	
	Observed MW: 33-35 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HCT 116 cells, T-47D cells, HeLa cells, HepG2 cells, MCF-7 cells
Species Specificity: human	

Background Information

Stanniocalcin (STC) is a family of secreted glycoprotein hormones that originally discovered in the corpuscles of Stannius, an endocrine gland of fish. STC1 and STC2, two homologues of STC family, are reported to involve in calcium and phosphate homeostasis. It is expressed in a wide variety of tissues such as kidney, spleen, heart, and pancreas. The protein may play a role in the regulation of renal and intestinal calcium and phosphate transport, cell metabolism, or cellular calcium/phosphate homeostasis. STC2 overexpression could promote tumor cell proliferation, invasion and metastasis in prostate cancer, ovarian cancer or neuroblastoma. STC2 is also vital for cytoprotective properties when exposed to ER stress and hypoxia.

Storage

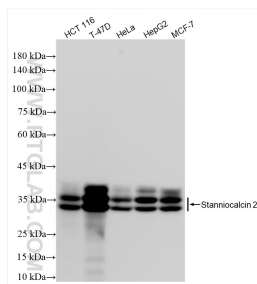
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85910-1-RR (STC2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.