

À des fins de recherche uniquement

Anticorps Monoclonal anti-Stanniocalcin 2



Numéro de catalogue: 60063-1-Ig

Phare

6 Publications

Informations de base

Numéro de catalogue: 60063-1-Ig	Numéro d'acquisition GenBank: BC000658	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2196 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 8614	CloneNo.: 4H1E7
Hôte: Mouse	Nom complet: stanniocalcin 2	Dilutions recommandées: WB 1:1000-1:6000 IHC 1:500-1:2000 IF 1:400-1:1600
Isotype: IgG1	MW calculé 33 kDa	
Immunogen Catalog Number: AG0359	MW observés: 44 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, porc, souris

Espèces citées:

Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules A549, cellules HCT 116, cellules HEK-293, cellules HepG2, cellules HT-29, cellules PC-3, tissu cérébral de porc

IHC : tissu rénal de souris, tissu de cancer de l'estomac humain, tissu de cancer du sein humain, tissu rénal humain

IF : cellules HeLa,

Informations générales

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.

Publications notables

Autrice	Pubmed ID	Journal	Application
Bo Yu	33774276	Biochem Biophys Res Commun	IHC, WB
Menghua Cai	30902679	Neuroscience	WB
Zhixian WuJin	35300206	J Hepatocell Carcinoma	IHC

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

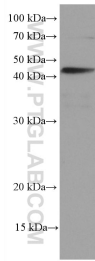
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

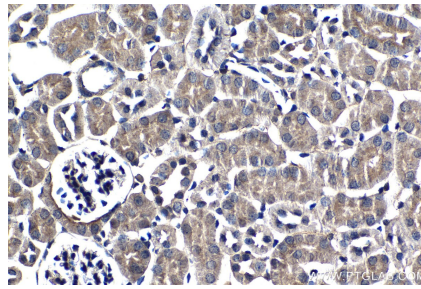
E: proteintech@ptglab.com
W: ptglab.com

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

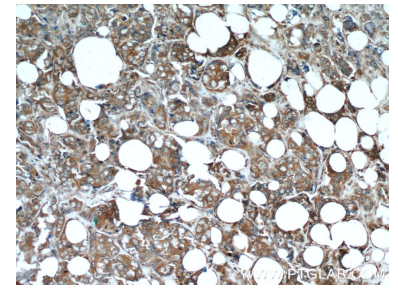
Données de validation sélectionnées



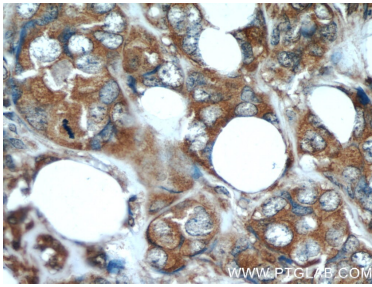
A549 cells were subjected to SDS PAGE followed by western blot with 60063-1-Ig (Stanniocalcin 2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



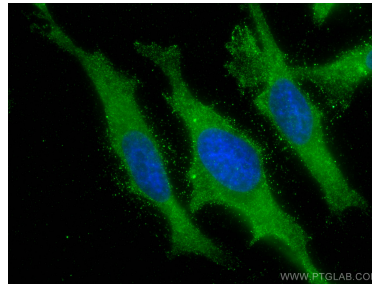
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue slide using 60063-1-Ig (Stanniocalcin 2 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



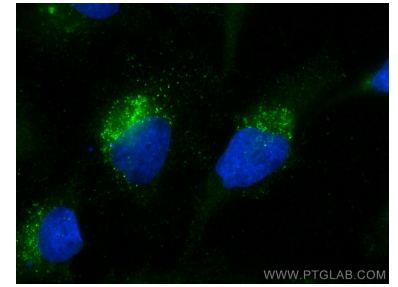
Immunohistochemical analysis of paraffin-embedded human breast cancer using 60063-1-Ig(Stanniocalcin 2 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer using 60063-1-Ig(Stanniocalcin 2 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Stanniocalcin 2 antibody (60063-1-Ig, Clone: 4H1E7) at dilution of 1:500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Stanniocalcin 2 antibody (60063-1-Ig, Clone: 4H1E7) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).