À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-AXIN1

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:16541-1-AP Phare 12 Publications

Informations de base

Numéro de catalogue:
16541-1-AP

Taille:
150ul , Concentration: 600 μg/ml by Nanodrop and 353 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG9858

Numéro d'acquisition GenBank:
BC044648

Identification du gène (NCBI):
8312

Nom complet:
axin 1

MW calculé
826aa,92 kDa; 862aa,95 kDa

MW observés:
100-110 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IHC 1:50-1:500

Applications

Applications testées:
IHC, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HT-1080, cellules HEK-293T, cellules HeLa

IHC : tissu de côlon humain,

Informations générales

Axis inhibition protein1 (AXIN1), also called AXIN, together with AXIN2 are multidomain scaffold proteins that negatively regulate Wnt signaling. AXIN1 is likely to function as a tumor suppressor. Under UV irradiation, AXIN1-HIPK2-TP53 complex forms. The complex also controls cell growth, apoptosis and development. Like AXIN2, AXIN1 undergoes poly(ADP-ribosy)lation by tankyrase TNKS and TNKS2 followed by unbiquitination by RNF146 which leads to its degradation and subsequent activation of Wnt signaling. Its deubiquitination by USP34 is important for nuclear accumulation during Wnt signaling. Recent researches find that CircAXIN1 encodes a novel protein, AXIN1-295aa, which shows at around 40-55 kDa by Western Blot. AXIN1-295aa functions as an oncogenic protein, activating the Wnt signaling pathway to promote GC tumorigenesis and progression, suggesting a potential therapeutic target for GC. Proteintech's AXIN1 antibody 16541-1-AP is a rabbit polyclonal antibdy raised against the N-terminus of human AXIN1.

Publications notables

Autrice	Pubmed ID	Journal	Application
Zhihao Lv	36305172	Environ Toxicol	WB
Rui Zhang	34884759	Int J Mol Sci	WB
Dongsheng Ni	30825095	In Vitro Cell Dev Biol Anim	WB

Stockage

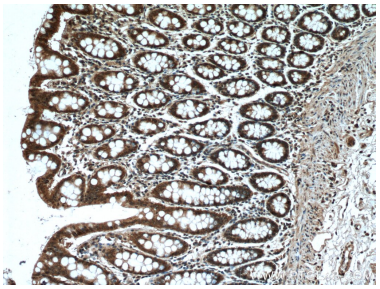
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

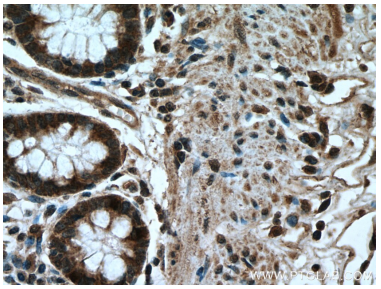
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

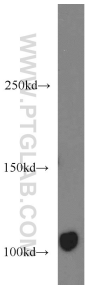
Données de validation sélectionnées



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 16541-1-AP (AXIN1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 16541-1-AP (AXIN1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



HT-1080 cells were subjected to SDS PAGE followed by western blot with 16541-1-AP (AXIN1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.