

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-KCTD2/5/17



Numéro de catalogue: 15553-1-AP

Phare

7 Publications

Informations de base

Numéro de catalogue:

15553-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG7915

Numéro d'acquisition GenBank:

BC007314

Identification du gène (NCBI):

54442

Nom complet:

potassium channel tetramerisation domain containing 5

MW calculé

26 kDa

MW observés:

26 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:20-1:200

IF 1:10-1:100

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat

Contrôles positifs:

WB: cellules HeLa, tissu cérébral humain

IP: cellules HeLa,

IHC: tissu de tumeur ovarienne humain,

IF: cellules HeLa,

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.

Informations générales

KCTD5 belongs to the human potassium (K⁺) channel tetramerization domain (KCTD) family of proteins which share sequence similarity with the cytoplasmic domain of voltage-gated K⁺ channels (Kv channels). The KCTD proteins have relatively conserved N-terminal domains and variable C-termini (PMID: 24268103). KCTD5 interacts with cullin3 and has been proposed to function as substrate adapter for cullin3 based ubiquitin E3 ligases (PMID: 26188516). This polyclonal antibody raised against full-length recombinant protein of human KCTD5 (26 kDa) can cross-react with other KCTD proteins, including KCTD2 (29 kDa), KCTD17 (33-36 kDa).

Publications notables

Autrice	Pubmed ID	Journal	Application
Hao Zeng	31741433	Elife	WB
Peipei Ding	35649359	Cell Rep	WB
Qiuling Li	28558011	PLoS Genet	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.

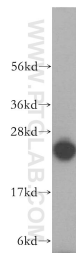
For technical support and original validation data for this product please contact:

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

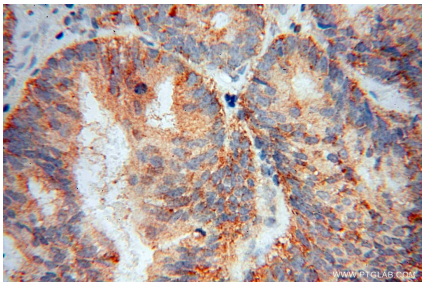
E: proteintech@ptglab.com
W: ptglab.com

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

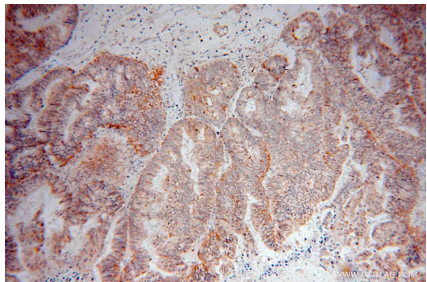
Données de validation sélectionnées



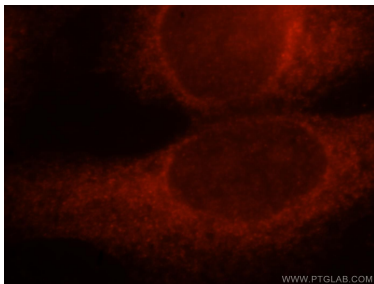
HeLa cells were subjected to SDS PAGE followed by western blot with 15553-1-AP (KCTD5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



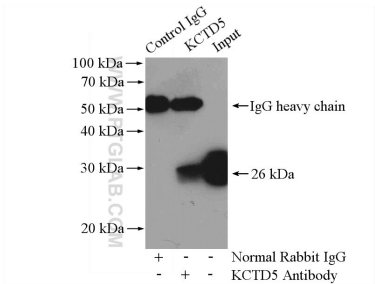
Immunohistochemical analysis of paraffin-embedded human ovary tumor using 15553-1-AP (KCTD5 antibody) at dilution of 1:50 (under 40x lens).



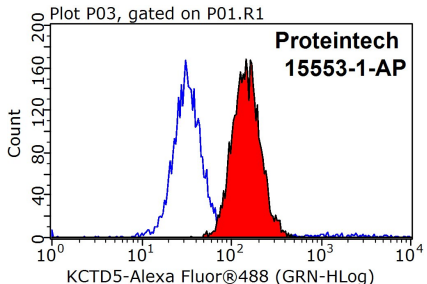
Immunohistochemical analysis of paraffin-embedded human ovary tumor using 15553-1-AP (KCTD5 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of HeLa cells, using KCTD5 antibody 15553-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-KCTD5 (IP:15553-1-AP, 4ug; Detection:15553-1-AP 1:500) with HeLa cells lysate 1200ug.



1X10⁶ HeLa cells were stained with 0.2ug KCTD5 antibody (15553-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.