

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TBRG4



Numéro de catalogue: 16245-1-AP

Phare

2 Publications

Informations de base

Numéro de catalogue:
16245-1-AP

Taille:
150ul, Concentration: 400 µg/ml by Nanodrop and 327 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG9176

Numéro d'acquisition GenBank:
BC017235

Identification du gène (NCBI):
9238

Nom complet:
transforming growth factor beta regulator 4

MW calculé:
631 aa, 71 kDa

MW observés:
60 kDa, 71 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:3000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:100-1:400

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
HITS-CLIP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain

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 HepG2, cellules HeLa, tissu hépatique humain, tissu ovarien de souris

IP : cellules HepG2,

IHC : tissu de cancer du foie humain,

Informations générales

TBRG4 is also named as CPR2(Cell cycle progression restoration protein 2), FASTKD4(FAST kinase domain-containing protein 4), KIAA0948 and belongs to the FAST kinase family. This protein contains multiple putative leucine zipper domains characteristic of transcription factors and it may play a role in cell cycle progression(PMID:9383053). RT-PCR ELISA detected moderate expression in ovary, and little to no expression in all other tissues and specific brain regions examined(PMID:10231032).TBRG4 has an mature form with MW of 60 kDa produced by transit peptide missing.

Publications notables

Autrice	Pubmed ID	Journal	Application
Akira Ohkubo	34748562	PLoS Genet	WB,HITS-CLIP
Claudio Asencio	30035255	Life Sci Alliance	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.

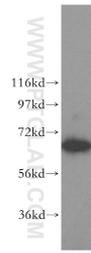
For technical support and original validation data for this product please contact:

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

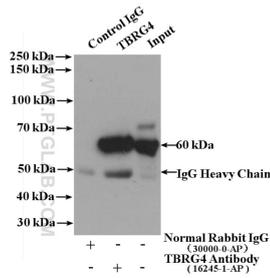
E: proteintech@ptglab.com
W: ptglab.com

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

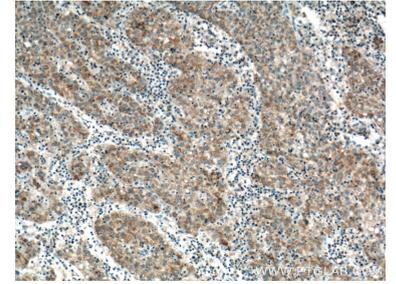
Données de validation sélectionnées



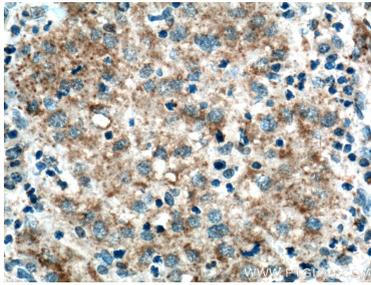
HepG2 cells were subjected to SDS PAGE followed by western blot with 16245-1-AP (TBRG4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



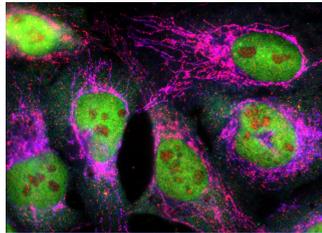
IP Result of anti-TBRG4 (IP:16245-1-AP, 4ug; Detection:16245-1-AP 1:500) with HepG2 cells lysate 1600ug.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16245-1-AP (TBRG4 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 liver cancer tissue slide using 16245-1-AP (TBRG4 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



U2OS cells, fixed with 4% pF/PBS and post-fixed with -20 methanol, and stained for TIAR (green), anti-TBRG4 (red, cat# 16245-1-AP), and human anti-mitochondria autoantiserum (blue). Note that the TBRG4 signal is strongly mitochondrial, but also nucleolar.

IF result of anti-TBRG4 (16245-1-AP) with U2OS cells.