

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-TFG



Numéro de catalogue: 11571-1-AP

Phare

4 Publications

## Informations de base

Numéro de catalogue:  
11571-1-AP

Taille:  
150ul, Concentration: 500 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG2151

Numéro d'acquisition GenBank:  
BC023599

Identification du gène (NCBI):  
10342

Nom complet:  
TRK-fused gene

MW calculé  
400 aa, 43 kDa

MW observés:  
50-55 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

Dilutions recommandées:  
WB 1:500-1:2000  
IHC 1:20-1:200  
IF 1:50-1:500

## Applications

Applications testées:  
IF, IHC, WB, ELISA

Demandes citées:  
IF, WB

Spécificité de l'espèce:  
Humain, rat, 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 PC-3

IHC : tissu de gliome humain,

IF : cellules A549,

## Informations générales

Protein TFG (TRK-fused gene protein) plays a role in regulating phosphotyrosine-specific phosphatase-1 activity. Mutations in TFG may have important clinical relevance for current therapeutic strategies to treat metastatic melanoma. Defects in TFG are a cause of thyroid papillary carcinoma (TPC), a common tumor of the thyroid that typically arises as an irregular, solid or cystic mass from otherwise normal thyroid tissue. Hereditary motor and sensory neuropathy with proximal dominant involvement (HMSN-P) is an autosomal-dominant neurodegenerative disorder characterized by widespread fasciculations, proximal-predominant muscle weakness, and atrophy followed by distal sensory involvement. Recent genetic investigation indicates that formation of TFG-containing cytoplasmic inclusions and concomitant mislocalization of TAR DNA-binding protein 43 kDa (TDP-43) underlie motor neuron degeneration in HMSN-P. Pathological overlap of proteinopathies involving TFG and TDP-43 highlights a new pathway leading to motor neuron degeneration.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Shulin Li	34561617	Cell Res	WB,IF
Mengyue You	36252341	Redox Biol	WB
Takuya Yagi	24613659	Neurobiol Dis	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.

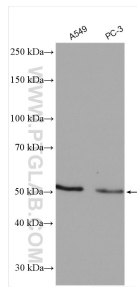
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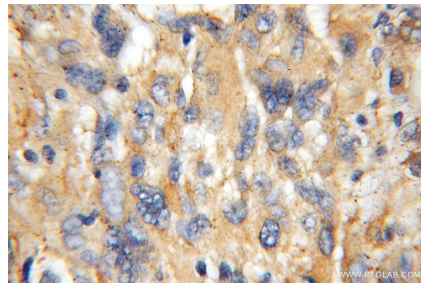
E: proteintech@ptglab.com  
W: ptglab.com

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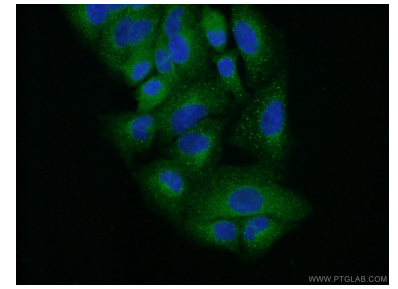
## Données de validation sélectionnées



A549 cells were subjected to SDS PAGE followed by western blot with 11571-1-AP (TFG antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas using 11571-1-AP (TFG antibody) at dilution of 1:100 (under 10x lens).



Immunofluorescent analysis of (10% Formaldehyde) fixed A549 cells using 11571-1-AP (TFG antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).