À des fins de recherche uniquement

Anticorps Monoclonal anti-TFG

Numéro de catalogue:66916-1-Ig

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Antibodies | ELISA kits | Proteins
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Informations de base

Numéro de catalogue:
66916-1-Ig

Taille:
150ul , Concentration: 1500 μg/ml by Nanodrop and 1000 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG27697

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 protéine A

CloneNo.:
1B5B9

Dilutions recommandées:
WB 1:1000-1:4000
IHC 1:50-1:500

Applications

Applications testées:
IHC, WB, ELISA

Spécificité de l'espèce:
Humain, porc

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 NCI-H1299, cellules A549, cellules HEK-293, cellules LNCaP, cellules MCF-7, cellules PC-3

IHC : tissu de cancer du sein humain, tissu de cancer de la prostate humain

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.

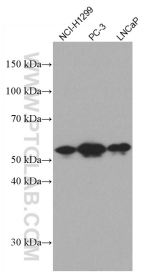
Stockage

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

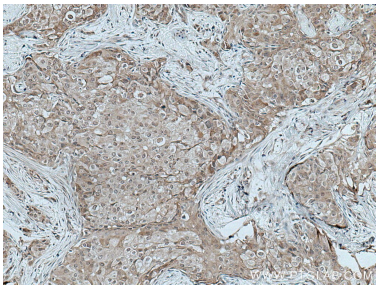
***** Les 20ul contiennent 0,1% de BSA.**

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

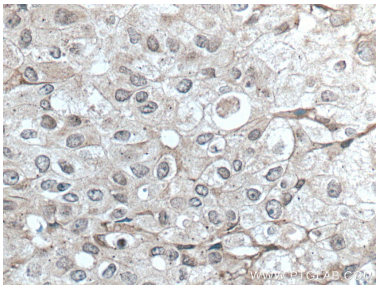
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 66916-1-Ig (TFG antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66916-1-Ig (TFG 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 breast cancer tissue slide using 66916-1-Ig (TFG antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).