

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-TrkB



Numéro de catalogue: 29961-1-AP

Informations de base

Numéro de catalogue:	Numéro d'acquisition GenBank:	Méthode de purification:
29961-1-AP	BC031835	Purification par affinité contre l'antigène
Taille:	Identification du gène (NCBI):	Dilutions recommandées:
150ul, Concentration: 600 µg/ml by Nanodrop;	4915	WB 1:500-1:2000
Hôte:	Nom complet:	IHC 1:1000-1:4000
Lapin	neurotrophic tyrosine kinase, receptor, type 2	IF 1:50-1:500
Isotype:	MW calculé	
IgG	822 aa, 92 kDa	
Immunogen Catalog Number:	MW observés:	
AG32196	90-95 kDa, 140-145 kDa	

Applications

Applications testées:	Contrôles positifs:
IF, IHC, WB, ELISA	WB : tissu cérébral de souris, tissu cérébral de rat, tissu de cervelet de souris
Spécificité de l'espèce:	IHC : tissu de cervelet de souris, tissu cérébral de souris
Humain, rat, souris	IF : tissu cérébral de souris,
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

Tropomyosin-related kinase B (TrkB) is a member of the neurotrophic tyrosine receptor kinase (NTRK) family. It is a single-pass type 1 membrane protein consisting of three domains: an extracellular ligand binding domain, a transmembrane domain and an intracellular tyrosine kinase domain. TrkB is primarily expressed in the central and peripheral nervous systems. TrkB plays an important role in neural development and maintenance through regulating neuronal differentiation, proliferation, survival, migration, neurogenesis, and plasticity. This antibody raised against 238-430 aa of human TrkB recognizes full length form (140-145 kDa) and truncated form (90-95 kDa) of TrkB (PMID: 23526925; 21039416).

Stockage

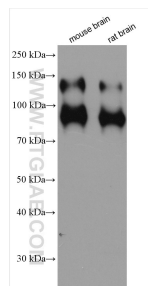
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

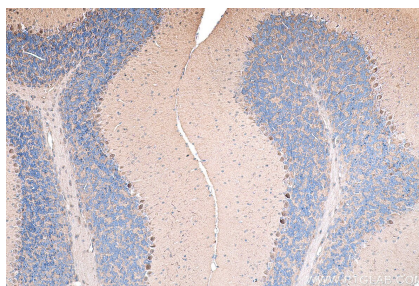
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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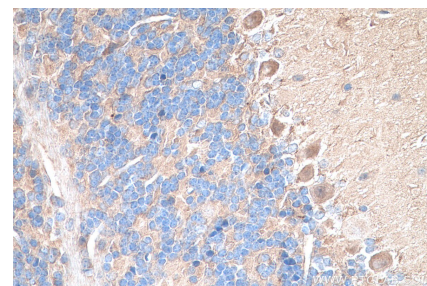
Données de validation sélectionnées



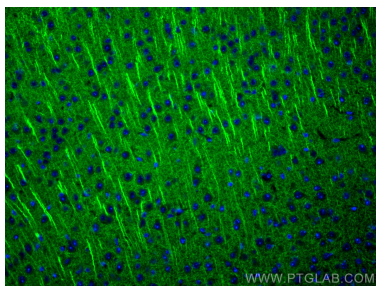
Various lysates were subjected to SDS PAGE followed by western blot with 29961-1-AP (NTRK2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 29961-1-AP (TrkB antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 29961-1-AP (TrkB antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using TrkB antibody (29961-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).