

Allgemeine Informationen

Katalog-Nr.: 29961-1-AP	GenBank-Zugangsnummer: BC031835	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 600 µg/ml von Nanodrop;	GeneID (NCBI): 4915	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:1000-1:4000 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: neurotrophic tyrosine kinase, receptor, type 2	
Isotyp: IgG	Berechnete Masse: 822 aa, 92 kDa	
Immunogen Katalognummer: AG32196	Beobachtete Masse: 90-95 kDa, 140-145 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: Maushirngewebe, Maus-Cerebellum-Gewebe, Rattenhirngewebe

IHC: Maus-Cerebellum-Gewebe, Maushirngewebe

IF: Maushirngewebe,

Hintergrundinformationen

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).

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

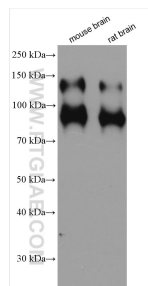
For technical support and original validation data for this product please contact:

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

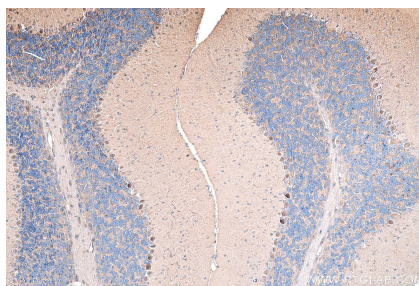
E: proteintech@ptglab.com
W: ptglab.com

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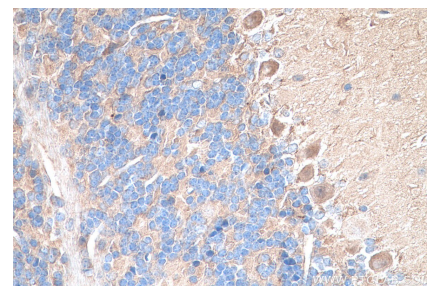
Ausgewählte Validierungsdaten



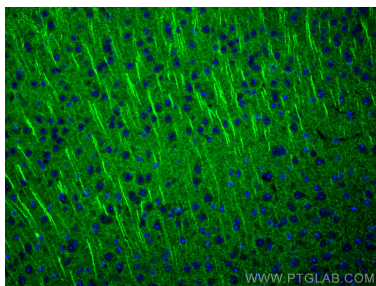
Various lysates were subjected to SDS PAGE followed by western blot with 29961-1-AP (NTRK2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).