

Nur für Forschungszwecke

VGAT Polyklonaler Antikörper

Katalog-Nr.: 14471-1-AP

6 Publikationen



Allgemeine Informationen

Katalog-Nr.: 14471-1-AP	GenBank-Zugangsnummer: BC053582	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 800 µg/ml von Nanodrop;	GeneID (NCBI): 140679	Empfohlene Verdünnungen: WB 1:2000-1:10000 IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB
Wirt: Kaninchen	Vollständiger Name: solute carrier family 32 (GABA vesicular transporter), member 1	IHC 1:50-1:500 IF 1:50-1:500
Isotyp: IgG	Berechnete Masse: 57 kDa	
Immunogen Katalognummer: AG5843	Beobachtete Masse: 57 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, IP, WB, ELISA	Positivkontrollen: WB: ungekochtes Maushirngewebe, IP: Maushirngewebe, IHC: Rattenhirngewebe, Maushirngewebe IF: Rattenhirngewebe, Maushirngewebe
In Publikationen genannte Anwendungen: IF, IHC, WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Caenorhabditis Elegans, Human, Maus	

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

Hintergrundinformationen

SLC32A1, also known as VGAT (vesicular GABA transporter), functions in the uptake of GABA and glycine into synaptic vesicles. GABA (gamma-aminobutyric acid), is the major inhibitory neurotransmitter in the CNS. VGAT transports GABA and glycine into acidic vesicles and localizes to the synaptic vesicle in glycinergic and GABAergic neurons. And VGAT antibodies are useful markers for presynaptic GABAergic and glycinergic neurons.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Eva S Schweikhard	26348906	Biochem J	WB
Wenting Zhuang	35735607	Curr Issues Mol Biol	IF
Tomohiro Umeda	28760161	Acta Neuropathol Commun	WB

Lagerung

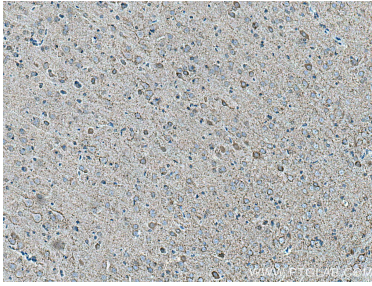
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

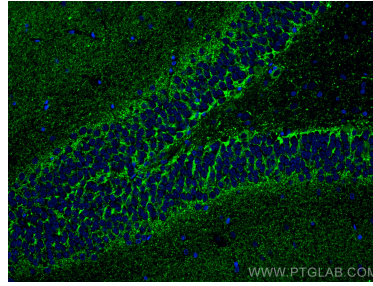
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

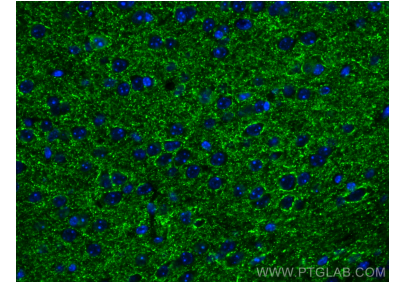
Ausgewählte Validierungsdaten



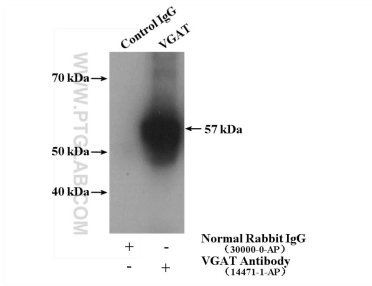
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 14471-1-AP (VGAT antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



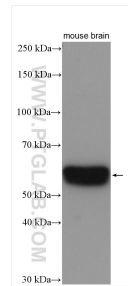
Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using VGAT antibody (14471-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



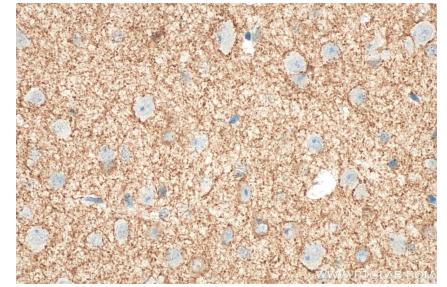
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using VGAT antibody (14471-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



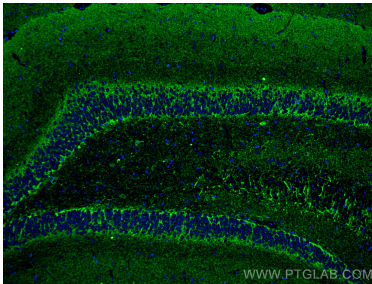
IP Result of anti-VGAT (IP:14471-1-AP, 4ug; Detection:14471-1-AP 1:500) with mouse brain tissue lysate 4000ug.



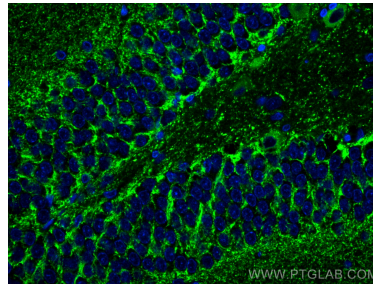
unboiled mouse brain tissue were subjected to SDS PAGE followed by western blot with 14471-1-AP (VGAT antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14471-1-AP (VGAT antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using VGAT antibody (14471-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using VGAT antibody (14471-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).