

Nur für Forschungszwecke

Synaptotagmin-3 Polyklonaler Antikörper

Katalog-Nr.: 28667-1-AP



Allgemeine Informationen

Katalog-Nr.: 28667-1-AP	GenBank-Zugangsnummer: BC028379	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 800 µg/ml von Nanodrop;	GeneID (NCBI): 84258	Empfohlene Verdünnungen: WB 1:2000-1:12000 IHC 1:500-1:2000 IF 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: synaptotagmin III	
Isotyp: IgG	Berechnete Masse: 590 aa, 63 kDa	
Immunogen Katalognummer: AG30027	Beobachtete Masse: 70-75 kDa	

Anwendungen

Geprüfte Anwendungen:
IF, IHC, WB, ELISA

Getestete Reaktivität:
Human, Maus, Ratte

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

Positivkontrollen:

WB : Maushirngewebe, Rattenhirngewebe

IHC : Maushirngewebe,

IF : Maushirngewebe,

Hintergrundinformationen

The synaptotagmins are integral membrane proteins of synaptic vesicles thought to serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis (PMID: 8058779). Synaptotagmin-3 (SYT3) is highly expressed in brain, adipose tissue, and heart (PMID: 30545844). Synaptotagmin-3 is highly enriched in synaptic plasma membranes (PMID: 10373432). It has been reported that synaptotagmin-3 internalizes AMPA receptors to depress synaptic strength and promote forgetting (PMID: 30545844).

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

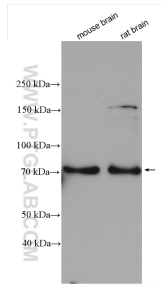
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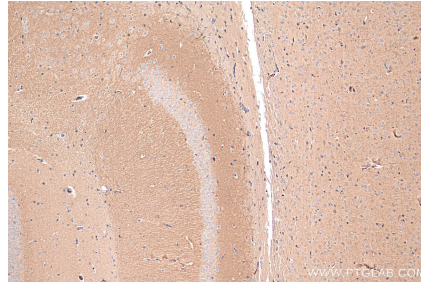
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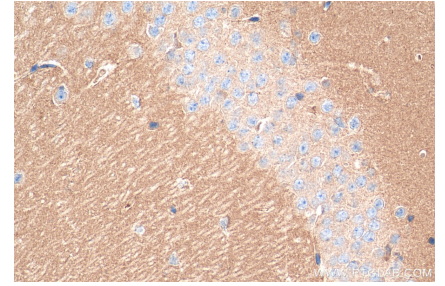
Ausgewählte Validierungsdaten



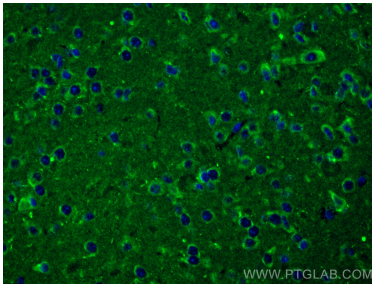
mouse brain tissue and rat brain tissue were subjected to SDS PAGE followed by western blot with 28667-1-AP (Synaptotagmin-3 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28667-1-AP (Synaptotagmin-3 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 28667-1-AP (Synaptotagmin-3 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using Synaptotagmin-3 antibody (28667-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).