

Allgemeine Informationen

Katalog-Nr.: 27320-1-AP	GenBank-Zugangsnummer: BC004369	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul , Konzentration: 500 µg/ml von Nanodrop und 200 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 351	Empfohlene Verdünnungen: WB 1:500-1:1000 IHC 1:50-1:500
Wirt: Kaninchen	Vollständiger Name: amyloid beta (A4) precursor protein	
Isotyp: IgG	Berechnete Masse: 87 kDa	
Immunogen Katalognummer: AG26299	Beobachtete Masse: 100 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB : fetales humanes Hirngewebe, Maushirngewebe, Rattenhirngewebe, U-251-Zellen IHC : Maushirngewebe, humanes Gliomgewebe
In Publikationen genannte Anwendungen: WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Aβ derives from APP via proteolytic cleavage by proteases called α-, β- and γ-secretase. The α-secretase cleavage precludes the formation of Aβ, while the β- and γ-cleavages generate APP components with amyloidogenic features. Amyloid beta A4 precursor protein (APP), encoded by APP gene which locate on human chromosome 21q, is a cell surface receptor and performs physiological functions on the surface of neurons relevant to neurite growth, neuronal adhesion and axonogenesis. APP expressed in all fetal tissues and is pronounced in brain, kidney, heart and spleen, but weak in liver. Defects in APP are the cause of Alzheimer disease type 1 (AD1). Amyloid β (Aβ) precursor protein (APP) is a 100-140 kDa transmembrane glycoprotein that exists as several isoforms. APP can be cleaved into several chains, this antibody could recognize N-terminal fragment of APP (N-APP).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yaqi Wang	35883144	Alzheimers Res Ther	WB

Lagerung

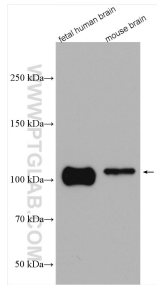
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

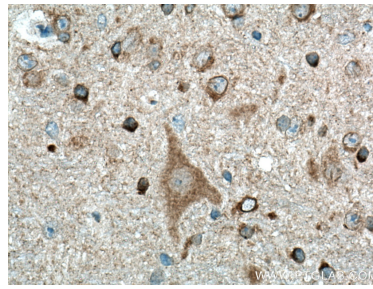
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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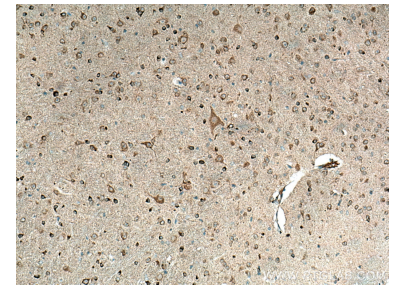
Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 27320-1-AP (beta Amyloid antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 27320-1-AP (beta Amyloid antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 27320-1-AP (beta Amyloid antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).