Anticorps Polyclonal de lapin anti-APP/Beta Amyloid

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:**25524-1-AP**   **50 Publications**

Informations de base

Numéro de catalogue:
25524-1-AP

Taille:
150ul , Concentration: 550 µg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG22408

Numéro d'acquisition GenBank:
BC065529

Identification du gène (NCBI):
351

Nom complet:
amyloid beta (A4) precursor protein

MW observés:
100 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IHC 1:50-1:500

Applications

Applications testées:
IHC, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, 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.

Contrôles positifs:

WB : cellules SH-SY5Y, cellules C6, cellules HeLa, tissu cérébral de rat, tissu cérébral de souris

IHC : tissu de gliome humain, tissu cérébral humain

Informations générales

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. This antibody can recognize several isoforms of both mature and immature amyloid beta (A4) precursor protein, including APP770, APP677, APP695, APP696, APP733, APP751, APP752, and APP639. APP can be cleaved into several chains, this antibody could recognize fragments C99, Amyloid-beta protein 42, Amyloid-beta protein 40, C83, P3(40), C80, Gamma-secretase C-terminal fragment 59, Gamma-secretase C-terminal fragment 57, Gamma-secretase C-terminal fragment 50, C31.

Publications notables

Autrice	Pubmed ID	Journal	Application
Shenya Xu	33183805	Sci Total Environ	WB, IHC
Zhongkang Zhu	34695452	Neurosci Lett	IHC,IF
Jie Ai	33131696	Free Radic Biol Med	WB

Stockage

Stockage:
Stocker à -20℃. 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.

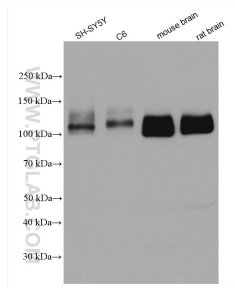For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
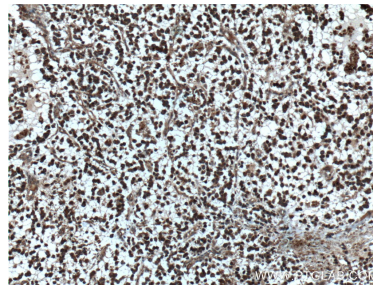E: proteintech@ptglab.com
W: ptglab.com

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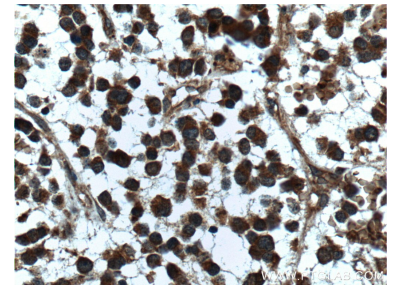
Données de validation sélectionnées

Various lysates were subjected to SDS PAGE followed by western blot with 25524-1-AP (APP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 25524-1-AP (APP, C-Terminal antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).

Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 25524-1-AP (APP, C-Terminal antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).