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Datasheet for ABIN1742281
anti-APP antibody (C-Term)

4 Images

1 Publication

Overview

Quantity:	50 µg
Target:	APP
Binding Specificity:	C-Term
Reactivity:	Mouse, Rat, Chicken, Frog
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide GYENPTYKFFEQMQN corresponding to the C-terminus of APP coupled to key-hole limpet hemocyanin via an added N-terminal cysteine residue.
Specificity:	Specific for APP.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

Target Details

Target:	APP
Alternative Name:	APP (APP Products)
Pathways:	Caspase Cascade in Apoptosis , EGFR Signaling Pathway , Transition Metal Ion Homeostasis , Skeletal Muscle Fiber Development , Toll-Like Receptors Cascades , Feeding Behaviour

Application Details

Application Notes:	WB: 1 : 500 up to 1 : 1000 (AP staining) IP: not tested yet ICC: 1 : 500 IHC-P: 1 : 2000
Comment:	IHC/IHC-P: The affinity purified antibody is highly recommended.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 50 µL H ₂ O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.
Buffer:	PBS
Handling Advice:	Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.
Storage:	-20 °C
Storage Comment:	Unlabeled lyophilized antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4°C for several years. Lyophilized antibodies must not be stored in the freezer, they may be destroyed!

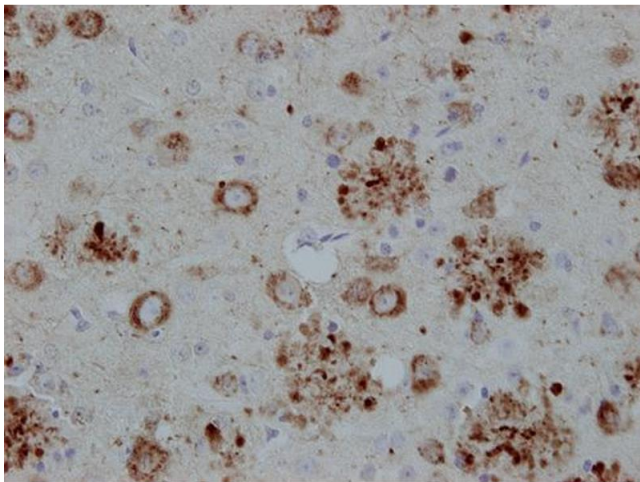
Publications

Product cited in:	Otero, Fellows, Li, de Bizemont, Dirac, Gustafsson, Erdjument-Bromage, Tempst, Svejstrup: "Elongator, a multisubunit component of a novel RNA polymerase II holoenzyme for transcriptional elongation." in: Molecular cell , Vol. 3, Issue 1, pp. 109-18, (1999) (PubMed).
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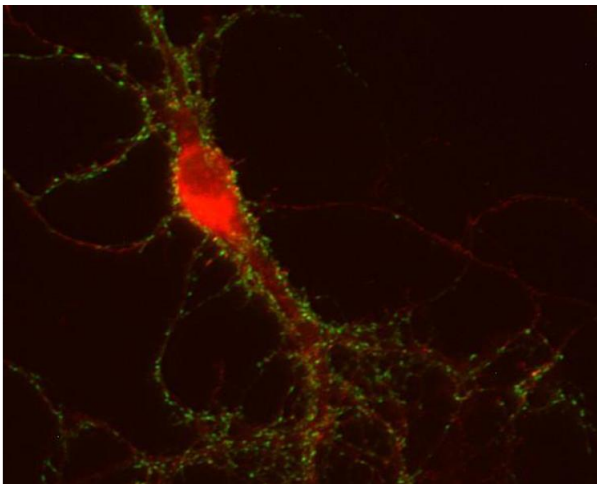
Western Blotting

Image 1. dilution: 1 : 1000, sample: enriched synaptosomal membranes



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunostaining of paraffin embedded brain section from transgenic mouse expressing human APP (dilution 1 : 2000). Immunoreactivity in dystrophic dendrites surrounding amyloid plaques was revealed using diaminobenzidine as chromagen. Nuclei were counterstained with haematoxylin (blue).



Immunocytochemistry

Image 3. Indirect immunostaining of PFA fixed mouse hippocampus neurons with anti-APP (dilution 1 : 500; red) and mouse anti-Synapsin 1 (cat. no. 106 011, dilution 1 : 500; green).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1742281.