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Datasheet for ABIN7233690
anti-Abeta 1-40 antibody

2 Images

Overview

Quantity:	200 µL
Target:	Abeta 1-40
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Abeta 1-40 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Beta-amyloid 40 protein
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Abeta 1-40
Alternative Name:	Abeta40 (Abeta 1-40 Products)
Background:	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

Target Details

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). This antibody can recognize the N-terminus of human APP: Soluble APP-alpha and Soluble APP-beta.

UniProt: [P05067](#)

Application Details

Application Notes: IHC 1:50-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 2 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

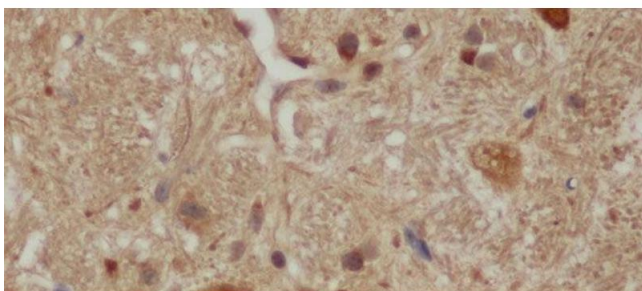
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Mouse brain using A β 40 Polyclonal Antibody at dilution of 1:50

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Rat lung using A β 40 Polyclonal Antibody at dilution of 1:50

