

App polyclonal antibody

Catalog # PAB14316 Size 100 uL

Applications



Immunohistochemistry (Frozen sections)

Immunohistochemical staining on rat dorsal root ganglion (free floating cryo section) using App polyclonal antibody (Cat # PAB14316) at a dilution of 1 : 1000.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of App.
Immunogen	A synthetic peptide (conjugated with blue carrier protein) corresponding to amino acids 44-62 of mouse App.
Sequence	HMNVQNGKWESDPSTKTC
Host	Rabbit
Reactivity	Mouse, Rat
Form	Lyophilized
Recommend Usage	Immunohistochemistry (1:500-1:3000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from whole serum
Storage Instruction	After reconstitution with deionized water (100 uL sterile-filtered), store at -20°C for a higher stability, or at 4°C with an appropriate antibacterial agent. Glycerol (1:1) may be added for an additional stability. Aliquot to avoid repeated freezing and thawing.

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Gene Info — App

Entrez GeneID [11820](#)

Gene Name App

Gene Alias AL024401, Abeta, Adap, Cvap, E030013M08Rik, appican, betaAPP

Gene Description amyloid beta (A4) precursor protein

Gene Ontology [Hyperlink](#)

Other Designations protease nexin II

Publication Reference

- [Mechanisms of Abeta clearance and catabolism.](#)

Guenette SY.

Neuromolecular Medicine 2003 Dec; 4(3):147.

- [Distinct presenilin-dependent and presenilin-independent gamma-secretases are responsible for total cellular Abeta production.](#)

Wilson CA, Doms RW, Lee VM.

Journal of Neuroscience 2003 Nov; 23(36):1361.

Application: WB, Human, Mammalian cells

- [CSF markers for Alzheimer's disease: total tau, phospho-tau and Abeta42.](#)

Andreassen N, Sjogren M, Blennow K.

The World Journal of Biological Psychiatry 2003 Oct; 4(4):147.

Application: ELISA, Human, Human cerebrospinal fluid