

Datasheet for ABIN725105
anti-APP antibody (AA 381-480)



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Overview

Quantity:	100 µL
Target:	APP
Binding Specificity:	AA 381-480
Reactivity:	Rat
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This APP antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Soluble APP-beta/alpha
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Dog, Cow, Sheep, Pig, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	APP
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Target Details

Alternative Name:	Amyloid Precursor Protein (APP Products)
Background:	Synonyms: Soluble APP-alpha, Soluble APP-beta, A4 amyloid protein, A4, AAA, ABETA, ABPP, AD 1, AD1, Alzheimer disease 1, Alzheimer disease, Alzheimer's disease amyloid protein, Amyloid beta A4 precursor protein, Amyloid beta A4 protein, Amyloid beta A4 protein precursor isoform b, Amyloid beta A4 protein precursor isoform c, Amyloid beta A4 protein precursor isoform a, Amyloid beta A4 protein precursor isoform b, Amyloid beta A4 protein precursor isoform c, Amyloid beta protein, Amyloid beta-peptide, Amyloid of aging and alzheimer disease, APP, APP I, APPI, Beta amyloid peptide, Cerebral vascular amyloid peptide, CTFgamma, CVAP, Human mRNA for amyloid A4 precursor of Alzheimer's disease, PN 2, PN II, PN2, PreA4, Protease nexin II, A4_HUMAN. Background: This gene encodes a cell surface receptor and transmembrane precursor protein that is cleaved by secretases to form a number of peptides. Some of these peptides are secreted and can bind to the acetyltransferase complex APBB1/TIP60 to promote transcriptional activation, while others form the protein basis of the amyloid plaques found in the brains of patients with Alzheimer disease. Mutations in this gene have been implicated in autosomal dominant Alzheimer disease and cerebroarterial amyloidosis (cerebral amyloid angiopathy). Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq, Jul 2008].
Gene ID:	351
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:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
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Handling

Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months