

Datasheet for ABIN755851
anti-APP antibody (pSer730) (HRP)



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Overview

Quantity:	100 µL
Target:	APP
Binding Specificity:	pSer730
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APP antibody is conjugated to HRP
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human APP770 around the phosphorylation site of Ser730
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,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: Amyloid Precursor Protein phospho S730, Amyloid Precursor Protein phospho Ser730, p-Amyloid Precursor Protein phospho S730, APP Ser730, p-APP Ser730, C31, C80, C83, C99, beta-amyloid precursor protein C-terminus, 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:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and

Handling

	50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months