

Datasheet for ABIN7437719

anti-APP antibody (AA 672-711)

2 Images



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Overview

Quantity:	100 µL
Target:	APP
Binding Specificity:	AA 672-711
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Polyclonal Antibody to Amyloid Precursor Protein (APP)
Immunogen:	Recombinant Amyloid Precursor Protein (APP) corresponding to Asp672~Val711 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against APP. It has been selected for its ability to recognize APP in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

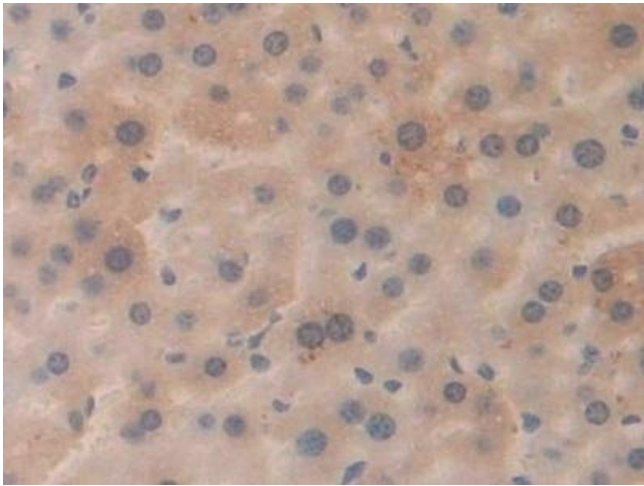
Target:	APP
Alternative Name:	Amyloid Precursor Protein (APP Products)
Background:	AAA, ABeta, ABPP, AD1, APPI, CVAP, PN2, CTFgamma, Peptidase Nexin-II Alzheimer Disease, Peptidase Nexin-II, Amyloid Beta(A4)Precursor Protein
UniProt:	P12023
Pathways:	Caspase Cascade in Apoptosis , EGFR Signaling Pathway , Transition Metal Ion Homeostasis , Skeletal Muscle Fiber Development , Toll-Like Receptors Cascades , Feeding Behaviour

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunocytochemistry: 5-20 µg/mL,Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

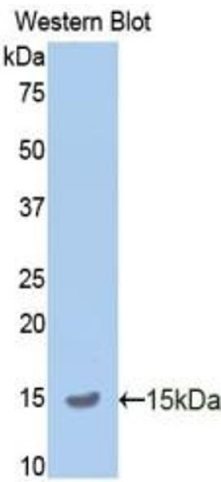
Handling

Format:	Liquid
Concentration:	500 µg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of APP in Mouse Liver Tissue using Polyclonal Antibody to Amyloid Precursor Protein (APP)



Western Blotting

Image 2. Detection of Recombinant APP, Mouse using Polyclonal Antibody to Amyloid Precursor Protein (APP)