# antibodies -online.com





## anti-APP antibody (AA 381-480)

4 Images

2

**Publications** 



Go to Product page

0	1 /	-	K	/1	-	1 A
u	\/	$\vdash$	I \	/ I	$\vdash$	1/1

Quantity:	100 μL
Target:	APP
Binding Specificity:	AA 381-480
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), 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 of human APP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

#### **Target Details**

Target: APP

### **Target Details**

Alternative Name:	Amyloid Precursor Protein (APP Products)
Background:	Synonyms: AAA, AD1, PN2, ABPP, APPI, CVAP, ABETA, PN-II, CTFgamma, Amyloid beta A4
	protein, APP, Alzheimer disease amyloid protein, Cerebral vascular amyloid peptide, PreA4,
	Protease nexin-II, A4
	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
UniProt:	P05067
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:	WB 1:300-5000	
	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	
	ICC 1:100-500	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	

#### Handling

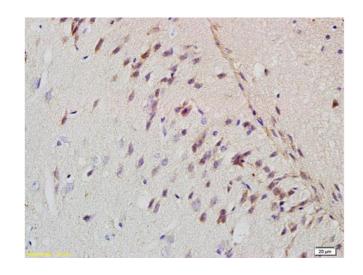
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months
Publications	

Product cited in:

Potter, Potter: "Molecular Anatomy of Palate Development." in: **PLoS ONE**, Vol. 10, Issue 7, pp. e0132662, (2015) (PubMed).

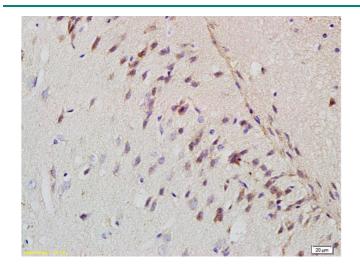
Wang, Wang: "Studying the relationship between cell cycle and Alzheimer's disease by gold nanoparticle probes." in: **Analytical biochemistry**, Vol. 489, pp. 32-7, (2015) (PubMed).

#### **Images**



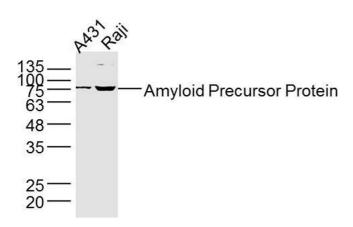
#### **Immunohistochemistry**

**Image 1.** Formalin-fixed and paraffin embedded rat brain labeled with Rabbit Anti-APP/Amyloid Precursor Protein Polyclonal Antibody (ABIN725120) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Paraformaldehyde-fixed, paraffin embedded Rat Brain Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes Blocking buffer (normal goat serum) at 37°C for 30min Antibody incubation with APP Polyclonal Antibody, Unconjugated at 1:200 overnight at 4°C, DAB staining.



#### **Western Blotting**

**Image 3.** Lane 1: A431 lysates Lane 2: Raji lysates Jurkat lysates probed with Amyloid Precursor Protein Antibody, Unconjugated at 1:300 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at 1:10000 for 60 min at 37°C.

Please check the product details page for more images. Overall 4 images are available for ABIN725120.