# antibodies .- online.com







# anti-APP antibody





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Quantity:	100 μg
Target:	APP
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This APP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## **Product Details**

Immunogen:	Recombinant Human APP Protein
Clone:	5A11E5
Cross-Reactivity:	Human, Mouse
Purification:	Protein G purified

### Target Details

- Target Betane	arget Details	
Target:	APP	
Alternative Name:	APP (APP Products)	
Background:	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	

# **Target Details**

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.

Aliases: Amyloid Beta (A4) Precursor Protein, ABPP, APP, Beta-Amyloid Peptide

UniProt: P05067

Pathways: Caspase Cascade in Apoptosis, EGFR Signaling Pathway, Transition Metal Ion Homeostasis,

Skeletal Muscle Fiber Development, Toll-Like Receptors Cascades, Feeding Behaviour

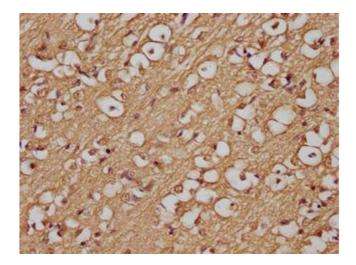
# **Application Details**

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

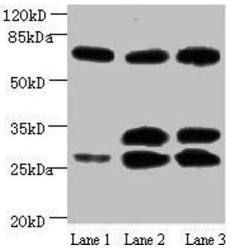
# Handling

Format:	Liquid	
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	



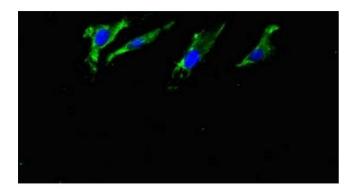
# **Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7144489 at dilution of 1:200



### **Western Blotting**

**Image 2.** Western blot All lanes: Amyloid beta A4 antibody at 1  $\mu$ g/mL Lane 1: Mouse heart tissue Lane 2: Mouse kidney tissue Lane 3: Mouse lung tissue Secondary Goat polyclonal to Mouse IgG at 1/15000 dilution Predicted band size: 30, 35, 72, 80 kDa Observed band size: 30, 35, 72 kDa



### **Immunofluorescence**

**Image 3.** Immunofluorescent analysis of Hela cells using ABIN7144489 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Please check the product details page for more images. Overall 4 images are available for ABIN7144489.