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**Product Name: Phospho-Amyloid Precursor Protein (Thr743) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02838**

For research use only.

## Summary

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF,IP
<b>Reactivity</b>	Human,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.5mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

## Application

<b>Dilution Ratio</b>	WB 1:500-1:1000,ICC/IF 1:50-1:200,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 87 kDa; Observed MW: 100 kDa

## Antigen Information

<b>Gene Name</b>	APP
<b>Alternative Names</b>	APP; A4; AD1; Amyloid beta A4 protein; ABPP; APPI; APP; Alzheimer disease amyloid protein; Cerebral vascular amyloid peptide; CVAP; PreA4; Protease nexin-II; PN-II
<b>Gene ID</b>	351
<b>SwissProt ID</b>	P05067
<b>Immunogen</b>	A synthetic Phosphorylated peptide corresponding to residues target protein

## Background

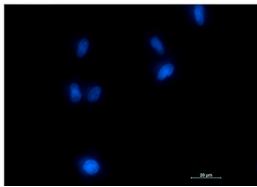
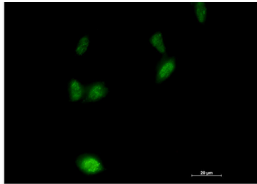
APP a cell surface receptor that influences neurite growth, neuronal adhesion and axonogenesis. Cleaved by secretases to form

a number of peptides, some of which bind to the acetyltransferase complex Fe65/TIP60 to promote transcriptional activation.

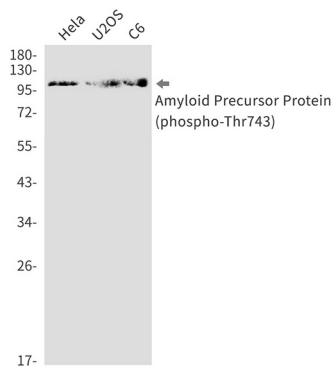
## Research Area

Neuroscience

## Image Data



Immunocytochemistry analysis of Phospho-Amyloid Precursor Protein (Thr743) (green) in LNcap using Phospho-Amyloid Precursor Protein (Thr743) antibody, and DAPI(blue).



Western blot analysis of Phospho-Amyloid Precursor Protein (Thr743) in HeLa, U2OS, C6 lysates using Phospho-Amyloid Precursor Protein (Thr743) antibody.