

**Product Name: Amyloid- $\beta$  Rabbit Monoclonal Antibody****Catalog #: AMRe21375**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG,Kappa
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.3mg/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>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
<b>Purification</b>	Protein A

**Application**

<b>Dilution Ratio</b>	WB 1:2000-1:10000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
<b>Molecular Weight</b>	Calculated MW:87kD;Observed MW:100kD

**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 peptide corresponding to target protein

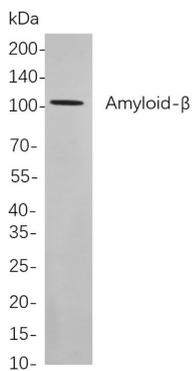
**Background**

Cell localization:Membrane.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 toThe acetyltransferase complex APBB1/TIP60 to promote transcriptional activation, while others formThe protein basis ofThe amyloid plaques found inThe brains of patients with Alzheimer disease. In addition, two ofThe peptides are antimicrobial peptides, having been shown to have bacteriocidal and antifungal activities. 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, Aug 2014],

## Research Area

### Image Data



Western blot analysis of lysates from SH-SY5Y cells, using Amyloid- $\beta$  Rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG antibody was used to detect the antibody.