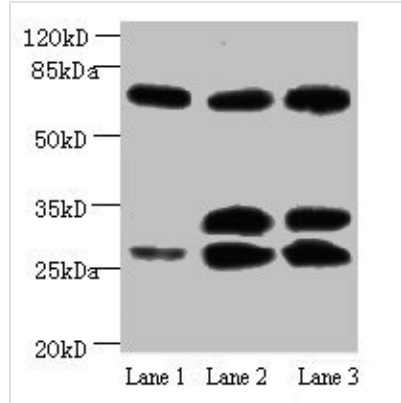




# APP Monoclonal Antibody

<b>Product Code</b>	CSB-MA0019501A0m
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P05067
<b>Immunogen</b>	Recombinant Human APP Protein
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	Human, Mouse
<b>Specificity</b>	Specific for human APP denatured and native forms.
<b>Tested Applications</b>	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:5000, IHC:1:50-1:500, IF:1:50-1:200
<b>Relevance</b>	<p>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.</p>
<b>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
<b>Purification Method</b>	>95%, protein G purified
<b>Clonality</b>	Monoclonal
<b>Alias</b>	Amyloid Beta (A4) Precursor Protein, ABPP, APP, Beta-Amyloid Peptide
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Accession NO.</b>	5A11E5
<b>Image</b>	

**Western blot**All lanes: Amyloid beta A4 antibody at 1 $\mu$ g/ml

Lane 1: Mouse heart tissue

Lane 2: Mouse kidney tissue

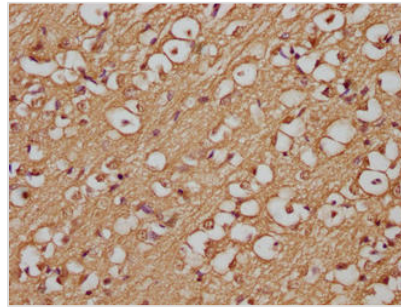
Lane 3: Mouse lung tissue

Secondary

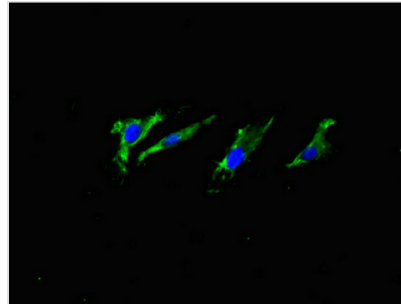
Goat polyclonal to Mouse IgG at 1/15000 dilution

Predicted band size: 30, 35, 72, 80 kDa

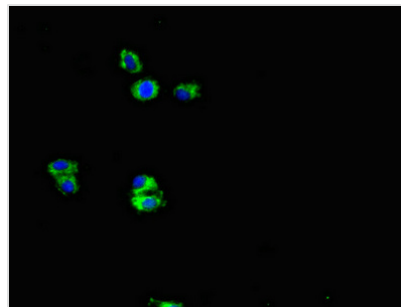
Observed band size: 30, 35, 72 kDa



Immunohistochemistry of paraffin-embedded human brain tissue using CSB-MA0019501A0m at dilution of 1:200



Immunofluorescent analysis of HeLa cells using CSB-MA0019501A0m at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunofluorescent analysis of HepG2 cells using CSB-MA0019501A0m at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)