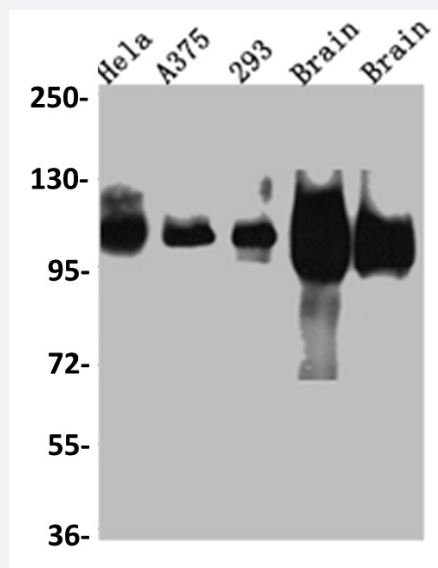


RecomAb™

APP recombinant monoclonal antibody, clone 6F10

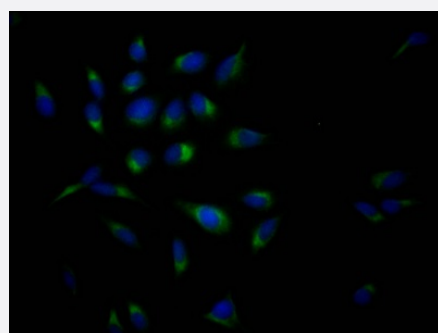
Catalog # RAB07459 Size 100 uL

Applications



Western Blot

Western blot analysis of Hela whole cell lysate, A375 whole cell lysate, HEK293 whole cell lysate, Rat Brain whole cell lysate, Mouse Brain whole cell lysate with APP recombinant monoclonal antibody, clone 6F10 (Cat # RAB07459).



Immunofluorescence

Immunofluorescent staining of HeLa Cells with APP recombinant monoclonal antibody, clone 6F10 (Cat # RAB07459). The cells were fixed in 4% formaldehyde, permeated by 0.2% TritonX-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human APP.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human APP.

Theoretical MW (kDa)	Calculated MW: 87, 3
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Immunofluorescence (1:20-1:200) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Hela whole cell lysate, A375 whole cell lysate, HEK293 whole cell lysate, Rat Brain whole cell lysate, Mouse Brain whole cell lysate with APP recombinant monoclonal antibody, clone 6F10 (Cat # RAB07459).

- Immunofluorescence

Immunofluorescent staining of Hela Cells with APP recombinant monoclonal antibody, clone 6F10 (Cat # RAB07459). The cells were fixed in 4% formaldehyde, permeated by 0.2% TritonX-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — APP

Entrez GeneID	351
Protein Accession#	P05067
Gene Name	APP

Gene Alias	AAA, ABETA, ABPP, AD1, APPI, CTFgamma, CVAP, PN2
Gene Description	amyloid beta (A4) precursor protein
Omim ID	104760 605714
Gene Ontology	Hyperlink
Gene Summary	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 cerebral amyloid angiopathy (cerebral amyloid angiopathy). Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	A4 amyloid protein amyloid beta A4 protein amyloid-beta protein beta-amyloid peptide cerebral vasculature amyloid peptide peptidase nexin-II protease nexin-II

Disease

- [Alzheimer disease](#)
- [Amyloidosis](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Cerebral Hemorrhage](#)
- [Cerebrovascular Disorders](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Down Syndrome](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Headache](#)
- [Macular Degeneration](#)
- [Mental Status Schedule](#)
- [Neuropsychological Tests](#)
- [Psychiatric Status Rating Scales](#)
- [Recurrence](#)
- [Tobacco Use Disorder](#)
- [Tourette Syndrome](#)