

Mouse APP Monoclonal Antibody | anti-APP antibody

Mouse anti- Human APP monoclonal Antibody

CATALOG # AAA118932	HOST Mouse	REACTIVITY Human. Other species are not tested. Please decide the specificity by human APP	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

APP; Monoclonal Antibody; Mouse anti- Human APP monoclonal Antibody; Amyloid Beta (A4) Precursor Protein ABPP APP Beta-Amyloid Peptide; anti-APP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Other species are not tested. Please decide the specificity by human APP
Clonality	Monoclonal
Specificity	Specific for human APP denatured and native forms.
Purity/Purification	>95%, Protein G Purified
Sequence Length	770
Applicable Applications for anti-APP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant Human APP Protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-53822 / sc-32277 / sc-58508 / sc-28365 / sc-65642
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



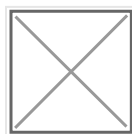
IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA118932 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



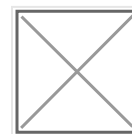
IF (Immunofluorescence)

Immunofluorescent analysis of Hela cells using AAA118932 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA118932 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA118932 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: Amyloid beta A4 antibody at 1ug/mlLane 1: Mouse heart tissueLane 2: Mouse kidney tissueLane 3: Mouse lung tissueSecondaryGoat polyclonal to Rabbit IgG at 1/15000 dilutionPredicted band size: 30,35,72,80 kDaObserved band size: 30,35,72 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-APP antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502167
NCBI GeneID	351
NCBI Accession #	NP_000475.1
NCBI GenBank Nucleotide #	NM_000484.3
UniProt Accession #	P05067; P09000; P78438; Q13764; Q13778; Q13793; Q16011; B2R5V1; B4DII8; D3DSD1; D3DSD2; D3DSD3
Molecular Weight	84,521 Da
NCBI Official Full Name	amyloid beta A4 protein isoform a
NCBI Official Synonym Full Names	amyloid beta precursor protein
NCBI Official Symbol	APP
NCBI Official Synonym Symbols	AAA; AD1; PN2; ABPP; APPI; CVAP; ABETA; PN-II; CTFgamma
NCBI Protein Information	amyloid beta A4 protein
UniProt Protein Name	Amyloid beta A4 protein
UniProt Gene Name	APP
UniProt Synonym Gene Names	A4; AD1; APP; CVAP; PN-II; S-APP-alpha; S-APP-beta; AICD-59; AID(59); AICD-57; AID(57); AICD-50; AID(50)
UniProt Entry Name	A4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/app-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/118932>