

Rabbit Amyloid-beta Polyclonal Antibody | anti-APP antibody

Amyloid-beta Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30764	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot, Immunohistochemistry, ELISA

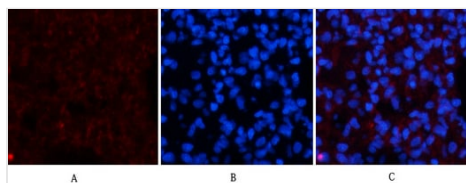
PRODUCT SYNONYMS

Amyloid-beta; Polyclonal Antibody; Amyloid-beta Rabbit Polyclonal Antibody; amyloid beta (A4) precursor protein; BH6842; Amyloid beta A4 protein; Abeta; anti-APP antibody

PRODUCT SPECIFICATIONS

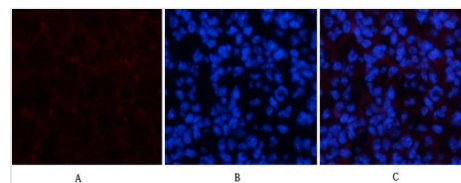
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Amyloid-beta Polyclonal Antibody detects endogenous levels of Amyloid-beta
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-APP antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	IF: 1:50-200 WB: 1:500-2000 ELISA: 1:10000-20000 IHC: 1:50-300
Immunogen	Synthesized peptide derived from Amyloid-beta at AA range: 221-270
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



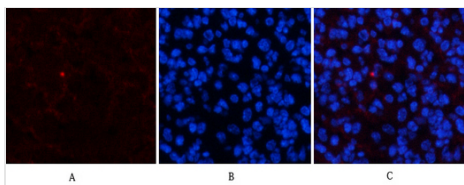
IF (Immunofluorescence)

Immunofluorescence analysis of rat-lung tissue. 1, Amyloid- β Polyclonal Antibody (red) was diluted at 1:200 (4 degree C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



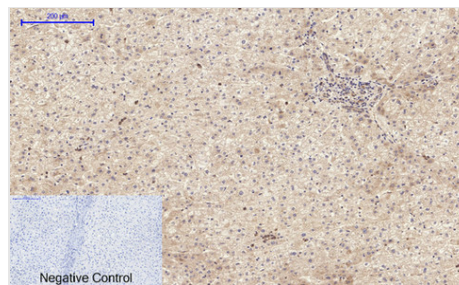
IF (Immunofluorescence)

Immunofluorescence analysis of mouse-spleen tissue. 1, Amyloid- β Polyclonal Antibody (red) was diluted at 1:200 (4 degree C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3, Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



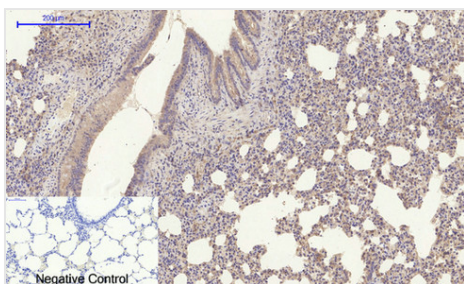
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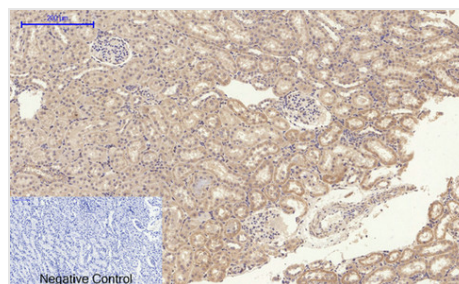
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human-liver tissue. 1, Amyloid- β Polyclonal Antibody was diluted at 1:200 (4 degree C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98 degree C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat-lung tissue. 1, Amyloid- β Polyclonal Antibody was diluted at 1:200 (4 degree C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98 degree C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1, Amyloid- β Polyclonal Antibody was diluted at 1:200 (4 degree C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98 degree C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.

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. In addition, two of the 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]

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	86,943 Da
NCBI Official Full Name	amyloid beta A4 protein isoform a
NCBI Official Synonym Full Names	amyloid beta (A4) 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; preA4; protease nexin-II; peptidase nexin-II; beta-amyloid peptide; alzheimer disease amyloid protein; cerebral vascular amyloid peptide
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://www.aaabiotech.com/polyclonal/amyloid-beta-antibody-immunofluorescence-immunocytochemistry-western-blot-immunohistochemistry-elisa/30764>