

Rabbit Amyloid beta A4 Polyclonal Antibody | anti-APP antibody

Amyloid beta A4 (Phospho-Thr743/668) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316055	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

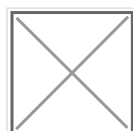
PRODUCT SYNONYMS

Amyloid beta A4; Polyclonal Antibody; Amyloid beta A4 (Phospho-Thr743/668) Antibody; A4; ABPP; AD1; APP; APPI; Alzheimer's disease amyloid protein; Amyloid beta A4 protein precursor; Beta-amyloid protein 40; Beta-amyloid protein 42; C31; C83; CVAP; Cerebral vascular amyloid peptide; Gamma-CTF(50); Gamma-CTF(57); Gamma-CTF(59); P3(40); P3; anti-APP antibody

PRODUCT SPECIFICATIONS

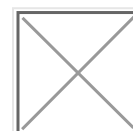
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Amyloid beta A4 (Phospho-Thr743/668) Antibody detects endogenous levels of Amyloid beta A4 only when phosphorylated at Thr743/668.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	746
Applicable Applications for anti-APP antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:T743; M:T743; R:T743
Immunogen	The antiserum was produced against synthesized peptide derived from human Amyloid beta A4 around the phosphorylation site of Thr743/668.
Immunogen Range	711-760
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from HeLa cells, using Amyloid beta A4 (Phospho-Thr743/668) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain, using Amyloid beta A4 (Phospho-Thr743/668) Antibody. The picture on the right is blocked with the phospho peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using Amyloid beta A4 (Phospho-Thr743/668) Antibody. The picture on the right is blocked with the phospho peptide.

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 kDa
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; preA4; 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; Beta-CTF; Abeta42; Abeta40; Alpha-CTF; AICD-59; AID(59); AICD-57; AID(57); AICD-50; AID(50)

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/polyclonal/amyloid-beta-a4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/316055>