

Amyloid beta A4 Antibody | anti-APP antibody

Amyloid beta A4 (Ab-743/668) Antibody

CATALOG # AAA110041	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot, Immunofluorescence, Immunohistochemistry
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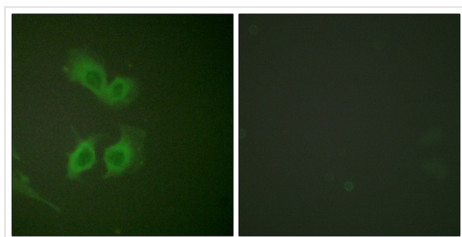
PRODUCT SYNONYMS

Amyloid beta A4; Amyloid beta A4 (Ab-743/668) 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(42); PN-II; PreA4; Protease nexin-II; Soluble APP-alpha (S-APP-alpha); Soluble APP-beta (S-APP-beta); anti-APP antibody

PRODUCT SPECIFICATIONS

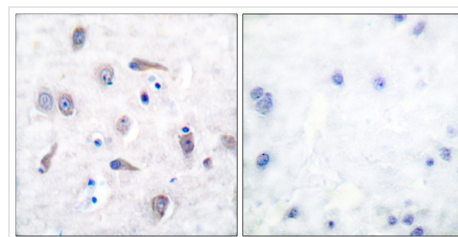
Reactivity	Human, Mouse, Rat
Specificity	Amyloid beta A4 (Ab-743/668) antibody detects endogenous levels of total Amyloid beta A4 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	770
Applicable Applications for anti-APP antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human Amyloid beta A4 around the phosphorylation site of threonine743/668 (A-V-TP-P-E).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



IHC (Immunohistochemistry)

Peptide-+ Immunohistochemical analysis of paraffin-embedded human brain tissue using Amyloid beta A4 (Ab-743/668) antibody. Immunofluorescence analysis of HeLa cells, using Amyloid beta A4 (Ab-743/668) antibody.



Application Data

Peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-APP antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Ming-Sum Lee J. Cell Biol., Oct 2003; 163: 83. Tadashi Nakaya and Toshiharu Suzuki Genes Cells, Jun 2006; 11: 633-645 Keun-A Chang, Mol. Cell. Biol., Jun 2006; 26: 4327-4338. Thor D. Stein J. Neurosci., Sep 2004; 24: 7707-7717.

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; 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://www.aaabiotech.com/human-mouse-rat-antibody/amyloid-beta-a4/110041>