E11-0004A

Amyloid β A4 (Phospho-Thr743/668) Antibody

Catalog Number: E11-0004A

Amount: 100μg/100μl

Swiss-Prot No. : P05067

All Names: 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)

All Sites: Human: Thr743; Mouse: Thr743; Rat: Thr743

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20℃/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human Amyloid β A4 around the phosphorylation site of threonine 743 (A-V-T^{P}-P-E).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

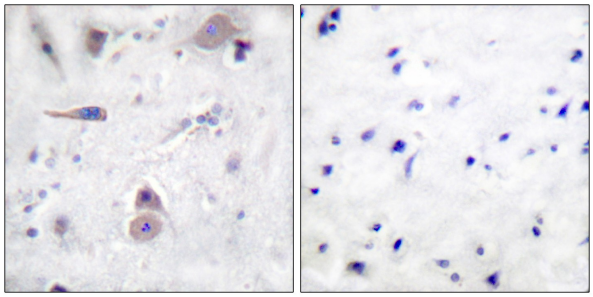
Specificity/Sensitivity: Amyloid β A4 (phospho-Thr743/668) antibody detects endogenous levels of Amyloid β A4 only when phosphorylated at threonine 743.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
IF: 1:100~1:500 ELISA: 1:10000

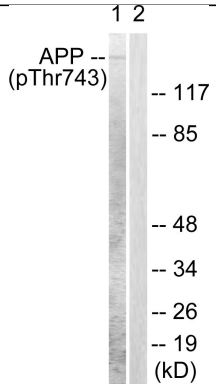
References:
Ming-Sum Lee J. Cell Biol., Oct 2003; 163: 83.
Tadashi Nakaya and Toshiharu Suzuki Genes Cells, Jun 2006; 11: 633 - 645
Keun-A Chang, Mol. Cell. Biol., Jun 2006; 26: 4327 – 4338.
Thor D. Stein J. Neurosci., Sep 2004; 24: 7707 - 7717.

For Research Use Only



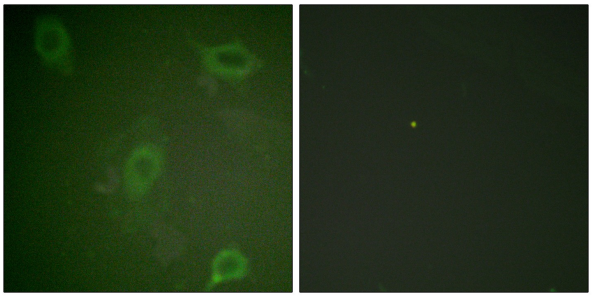
P-peptide - +

Immunohistochemical analysis of paraffin-embedded human brain tissue using Amyloid β A4 (phospho-Thr743/668) antibody.



P-peptide - +

Western blot analysis of extracts from Hela cells, using Amyloid β A4 (phospho-Thr743/668) antibody.



P-peptide - +

Immunofluorescence analysis of HeLa cells, using Amyloid β A4 (phospho-Thr743/668) antibody.