



## beta Amyloid A4 (Phospho-Thr743/668) Antibody

E012057

**Catalog Number:** E012057-1, E012057-2

**Amount:** 50 $\mu$ g/50 $\mu$ l, 100 $\mu$ g/100 $\mu$ l

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Storage/Stability:** Store at -20°C/1 year

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human beta Amyloid A4 around the phosphorylation site of threonine 743 (A-V-T<sup>P</sup>-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.

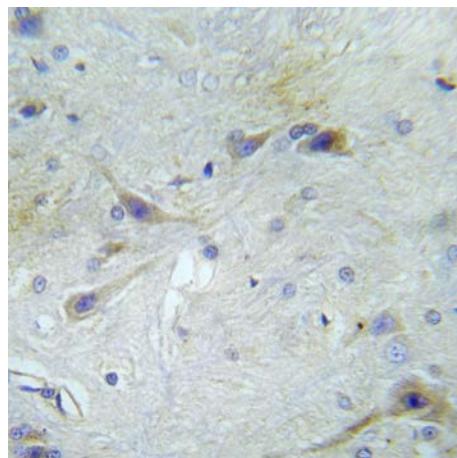
**Specificity/Sensitivity:** beta Amyloid A4 (phospho-Thr743) antibody detects endogenous levels of beta Amyloid A4 only when phosphorylated at threonine 743.

**Reactivity:** Human, Mouse

**Applications:** WB: 1:500~1:1000      IHC: 1:50~1:100      ELISA: 1:4000

**Swiss-Prot No.:** P05067

**References:** Muresan Z, Muresan V (2004) Hum Mol Genet 13, 475-88.  
Ichijo, H. et al. (1997) Science 275, 90-94.  
Wang, X.S. et al. (1996) J. Biol. Chem. 271, 31607-31611.  
Matsuzawa, A. and Ichijo, H. (2001) J. Biochem. (Tokyo) 130, 1-8.  
Tobiume, K. et al. (2001) EMBO Rep. 2, 222-228.  
Nishitoh, H. et al. (2002) Genes Dev. 16, 1345-1355.



Immunohistochemical analysis of paraffin-embedded human spinal cord tissue using beta Amyloid A4 (Phospho-Thr743/668) Antibody (E012057).

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