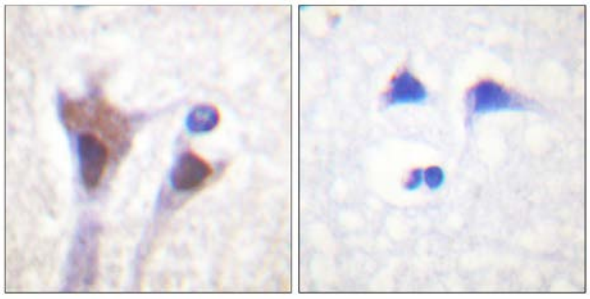
4-3-3 ζ/δ (Phospho-Thr232) Antibody

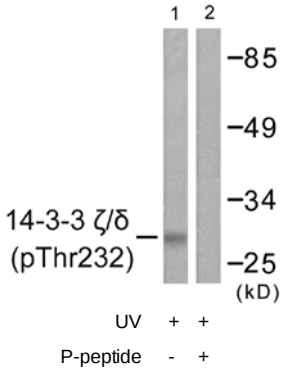
E11-0759A

Catalog Number: E11-0759A
Concentration: 1mg/ml
Swiss-Prot No.: P63104
Other Names: 14-3-3 protein zeta/delta, 1433Z, 143Z, FAS, Factor activating exoenzyme S, KCIP-1, Mitochondrial import stimulation factor S1 subunit, Protein kinase C inhibitor protein-1, YWHAZ
All Sites: Human: Thr232; Mouse: Thr232
Storage/Stability: Store at -20℃/1 year
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.
Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human 14-3-3 ζ/δ around the phosphorylation site of threonine 232 (S-D-T^P-Q-G).
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: 14-3-3 ζ/δ (Phospho-Thr232) antibody detects endogenous levels of 14-3-3 ζ/δ only when phosphorylated at threonine 232.
Reactivity: Human, Mouse
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000
References:

Alastair Aitken, J. Biol. Chem., Mar 1995; 270: 5706.
L Kockel, Genes & Dev., May 1997; 11: 1140 - 1147.
Martijn J. van Hemert, J. Cell Sci., Mar 2004; 117: 1411 - 1420.
Anne-Sophie Vercoutter-Edouart, Cancer Res., Jan 2001; 61: 76 - 80.



Immunohistochemistry analysis of paraffin-embedded human brain tissue using 14-3-3 ζ/δ (Phospho-Thr232) antibody.



Western blot analysis of extracts from Jurkat cells, treated with UV (15mins), using 14-3-3 ζ/δ (Phospho-Thr232) antibody.

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