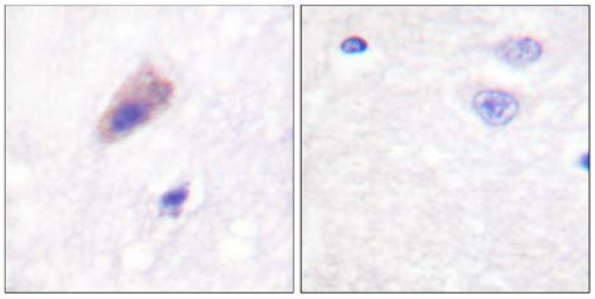
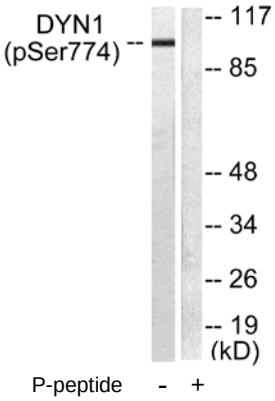
Dynamin-1 (Phospho-Ser774) Antibody

E11-0422A

Catalog Number: E11-0422A
Amount: 100µg/100µl
Swiss-Prot No. : Q05193
All Names: B-dynamin, D100, DNM, DNM1, Dynamin BREDNM19, Dynamin, brain, EC 3.6.5.5, dynamin-1
All Sites: Human: Ser774; Mouse: Ser770; Rat: Ser774
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 DYN1 around the phosphorylation site of serine 774 (R-R-S^{P}-P-T).
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: Dynamin-1 (Phospho-Ser774) antibody detects endogenous levels of DYN1 only when phosphorylated at serine 774.
Reactivity: Human, Mouse, Rat
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:5000
References: R. Martin, Eukaryot. Cell, Dec 2004; 3: 1574 - 1588.
D Eshel, PNAS, Dec 1993; 90: 11172.
Yoram Altschuler, J. Cell Biol., Dec 1998; 143: 1871.
Byeong Doo Song, Mol. Biol. Cell, May 2004; 15: 2243 - 2252.



Immunohistochemical analysis of paraffin-embedded human brain tissue using Dynamin-1 (Phospho-Ser774) Antibody (#A0422).



Western blot analysis of extracts from mouse brain cells, using Dynamin-1 (Phospho-Ser774) Antibody (#A0422).

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