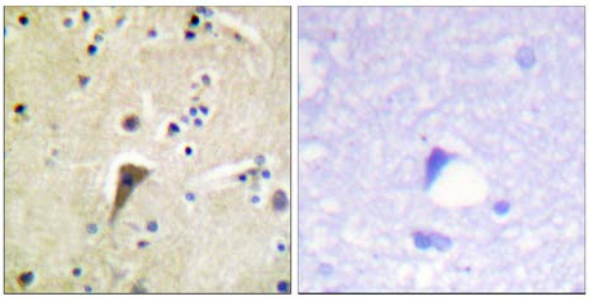
FAK (Phospho-Tyr397) Antibody

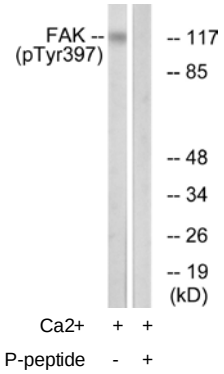
E11-0925A

Catalog Number: E11-0925A
Concentration: 1mg/ml
Swiss-Prot No.: Q05397
Other Names: EC 2.7.10.2, FADK 1, FAK1, Focal adhesion kinase 1, PTK2, Protein- tyrosine kinase 2, pp125FAK
All Sites: Human: Tyr397; Mouse: Tyr428; Rat: Tyr397
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 FAK around the phosphorylation site of tyrosine 397 (D-D-Y^{P}-A-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: FAK (Phospho-Tyr397) antibody detects endogenous levels of FAK only when phosphorylated at tyrosine 397.
Reactivity: Human, Mouse, Rat
Applications: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:1000
References:

Whitney G.S., DNA Cell Biol. 12:823-830(1993).
Andre E., Biochem. Biophys. Res. Commun. 190:140-147(1993).
Lee S.-T., Oncogene 8:3403-3410(1993).



Immunohistochemistry analysis of paraffin-embedded human brain tissue using FAK (Phospho-Tyr397) antibody.



Western blot analysis of extracts from Jurkat cells, treated with Ca2+ (40nM, 30mins), using FAK (Phospho-Tyr397) antibody.

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