FAK (phospho Tyr397) antibody

Cat. No. GTX24803

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-Fr, IP, ChIP assay
Reactivity	Human, Mouse, Rat, Zebrafish, Drosophila, Cat, Dog, Chicken, Amphibians, Rhesus Monkey, Xenopus, Fish

Reference (6)
Package
50 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-Fr	Assay dependent
IP	Assay dependent
ChIP assay	Assay dependent

Not tested in other applications.

Calculated MW 119 kDa. (Note)

PROPERTIES

Form	Liquid
Buffer	PBS, 0.1% BSA, 50% Glycerol
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from the region of human FAK that contains tyrosine 397. The sequence is conserved in mouse, rat, chicken and frog.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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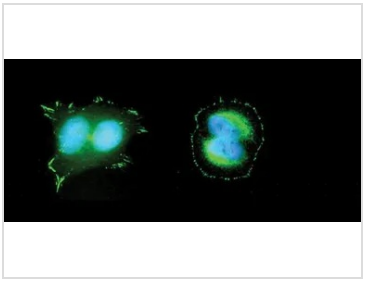
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

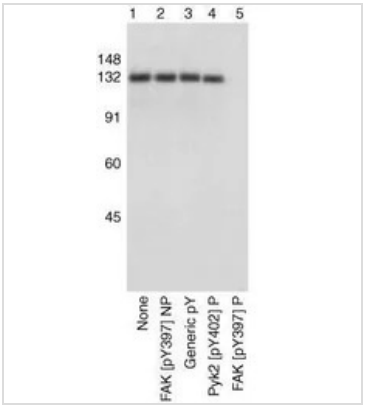
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



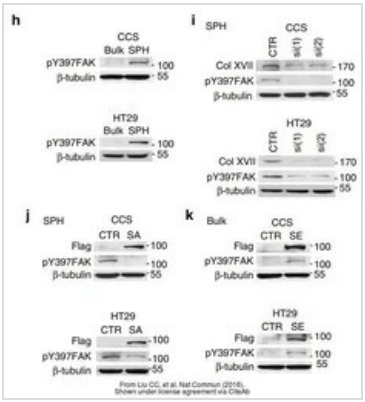
GTX24803 ICC/IF Image

ICC/IF analysis of HeLa cells using GTX24803 FAK (phospho Tyr397) antibody.
Green : Primary antibody
Blue : cell nucleus
Fixation/Permeabilization : ice-cold 95% methanol



GTX24803 WB Image

WB analysis of samples using GTX24803 FAK (phospho Tyr397) antibody prior incubated with the non-phosphopeptide corresponding to the phosphopeptide immunogen (Lane 2), a generic phosphotyrosine containing peptide(Lane 3), the phosphopeptide corresponding to FAK (phospho Tyr402) , or the phosphopeptide immunogen (Lane 5). The data show that only the immunogen phosphopeptide blocks the signal, demonstrating the specificity of the antibody.



GTX24803 WB Image

The data was published in the journal Nat Commun in 2016.PMID: 27306323

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