

Phospho-FAK (Tyr397) Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Rat, Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthetic phosphorylated peptide around Y397 of human FAK (NP_7225601)
Form	Liquid
Concentration	0.43 mg/mL
Purification	Affinity Chromatography
Storage buffer	PBS, pH 7.3, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2809164

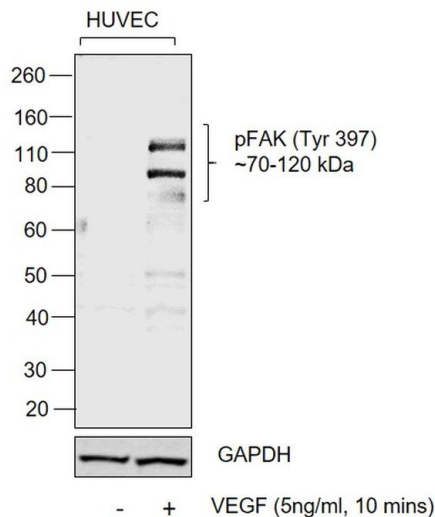
Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	-

Product Specific Information

Positive Samples: NIH/3T3, C6; Cellular Location: Cell junction, Cell membrane, Cytoplasm, Cytoplasmic side, Nucleus, Peripheral membrane protein, cell cortex, centrosome, cytoskeleton, focal adhesion, microtubule organizing center

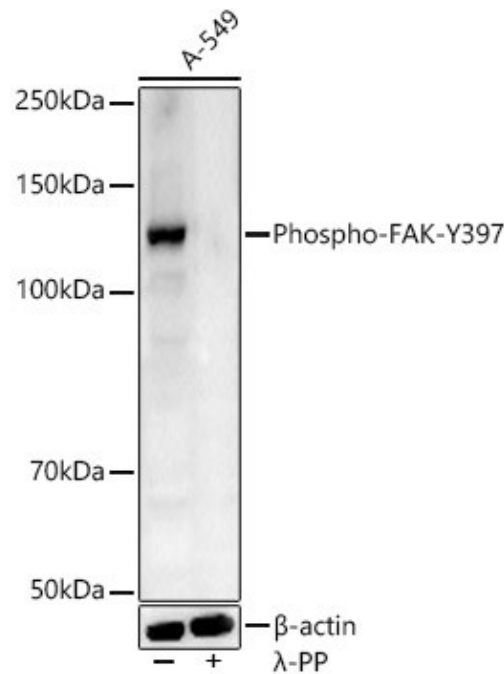
Immunogen sequence: DDYAE

Product Images For Phospho-FAK (Tyr397) Polyclonal Antibody



Phospho-FAK (Tyr397) Antibody (PA5-97362) in WB

Western blot was performed using Anti-Phospho-FAK (Tyr397) Polyclonal Antibody (Product # PA5-97362) and a 70-120 kDa band corresponding to Focal adhesion kinase 1 was observed across HUVEC cells treated with VEGF. Membrane enriched extracts (30 µg lysate) of HUVEC (Lane 1) and HUVEC cells treated with VEGF (5 ng/mL for 10 mins) (Lane 2) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a Nitrocellulose membrane (Product # IB23002) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



Phospho-FAK (Tyr397) Antibody (PA5-97362) in WB

Western blot analysis of Phospho-FAK (Tyr397) in A-549 cells. Samples were incubated with Phospho-FAK (Tyr397) Polyclonal antibody (Product # PA5-97362) using a dilution of 1:400, followed by HRP Goat Anti-Rabbit IgG (H+L) at a dilution of 1:10,000. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

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