

# Product Datasheet

## FAK [p Tyr576] Antibody NBP3-13071

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 5/1/2024 v.20.1

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**NBP3-13071**

FAK [p Tyr576] Antibody

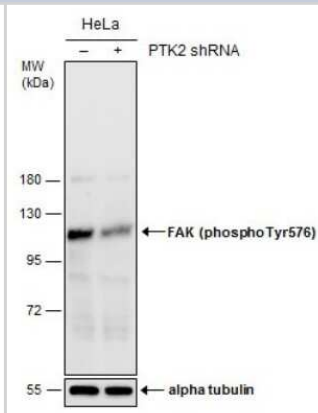
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA

Product Description	
Description	Centrifuge briefly prior to opening.
Host	Rabbit
Gene ID	5747
Gene Symbol	PTK2
Species	Human, Mouse, Rat
Immunogen	Carrier-protein conjugated synthetic peptide corresponding to residues around human FAK (phospho Tyr576). The exact sequence is proprietary.

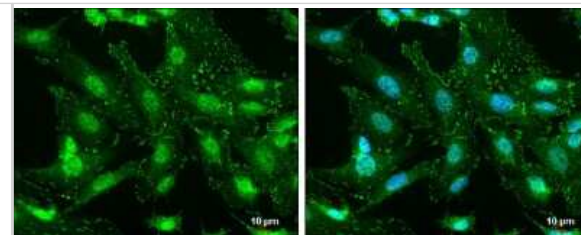
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Immunocytochemistry/ Immunofluorescence

**Images**

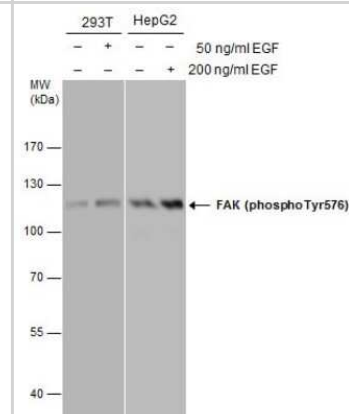
Western Blot: FAK [p Tyr576] Antibody [NBP3-13071] - Non-transfected (-) and transfected (+) HeLa whole cell extracts (50 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with FAK (phospho Tyr576) antibody (NBP3-13071) diluted at 1:500.



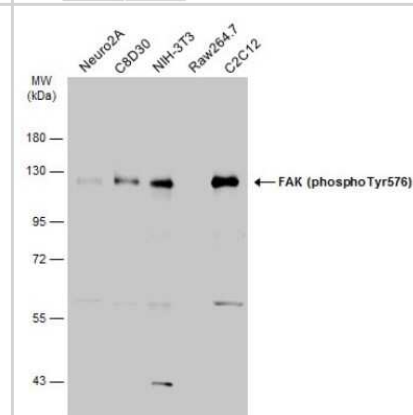
Immunocytochemistry/Immunofluorescence: FAK [p Tyr576] Antibody [NBP3-13071] - FAK (phospho Tyr576) antibody detects FAK (phospho Tyr576) protein at cell membrane and nucleus by immunofluorescent analysis. Sample: SK-N-SH cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: FAK (phospho Tyr576) protein stained by FAK (phospho Tyr576) antibody (NBP3-13071) diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10  $\mu$ m.



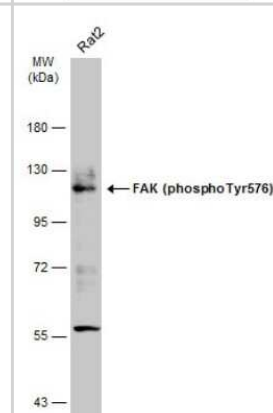
Western Blot: FAK [p Tyr576] Antibody [NBP3-13071] - FAK (phospho Tyr576) antibody detects FAK (phospho Tyr576) protein by western blot analysis. Left: Untreated (-) and EGF-treated (+, 50 ng/ml for 30 min) 293T whole cell extracts (30  $\mu$ g) were separated by 7.5% SDS-PAGE. Right: Untreated (-) and EGF-treated (+, 200 ng/ml for 30 min) HepG2 whole cell extracts (30  $\mu$ g) were separated by 7.5% SDS-PAGE. The membranes were blotted with FAK (phospho Tyr576) antibody (NBP3-13071) diluted at 1:3000.



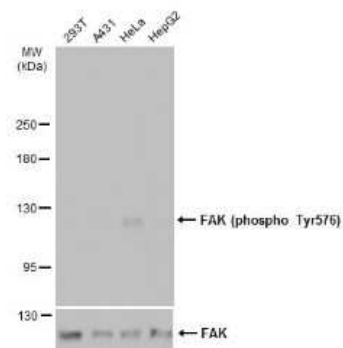
Western Blot: FAK [p Tyr576] Antibody [NBP3-13071] - Various whole cell extracts (30  $\mu$ g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with FAK (phospho Tyr576) antibody (NBP3-13071) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



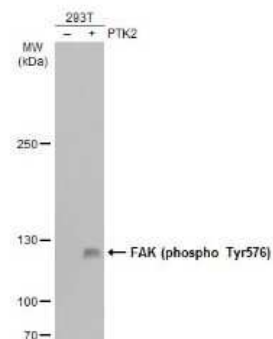
Western Blot: FAK [p Tyr576] Antibody [NBP3-13071] - Whole cell extract (30  $\mu$ g) was separated by 7.5% SDS-PAGE, and the membrane was blotted with FAK (phospho Tyr576) antibody (NBP3-13071) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



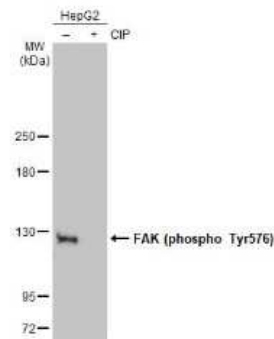
Western Blot: FAK [p Tyr576] Antibody [NBP3-13071] - Various whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with FAK (phospho Tyr576) antibody (NBP3-13071) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Western Blot: FAK [p Tyr576] Antibody [NBP3-13071] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with FAK (phospho Tyr576) antibody (NBP3-13071) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Western Blot: FAK [p Tyr576] Antibody [NBP3-13071] - Untreated (-) and treated (+) HepG2 whole cell extract (30 ug) were separated by 5% SDS-PAGE, and the membrane was blotted with FAK (phospho Tyr576) antibody (NBP3-13071) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.





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### **Products Related to NBP3-13071**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-84750PEP	FAK Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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