

Product Datasheet

FAK Antibody - BSA Free NBP1-84750

Unit Size: 0.1 ml

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

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Publications: 1

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Updated 12/2/2025 v.20.1

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NBP1-84750

FAK Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
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	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

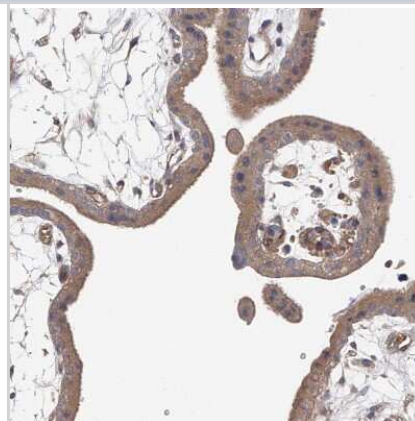
Product Description	
Description	Novus Biologicals Rabbit FAK Antibody - BSA Free (NBP1-84750) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-FAK Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5747
Gene Symbol	PTK2
Species	Human, Porcine
Reactivity Notes	Porcine reactivity reported in the scientific literature (PMID: 30257480).
Marker	Focal Adhesion Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PEEGISYLTDKGCNPTHLADFTQVQTIQYSNSEDKDRKGMLQLKIAGAPEPLTV TAPSLTIAENMADLIDGYCRLVNGTSQSFIIRPQKEGERALPSIPKLANSEKQGM RTHAVSVSETDDYAEIIDEEDTYTMPSTRDYEIQRE

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

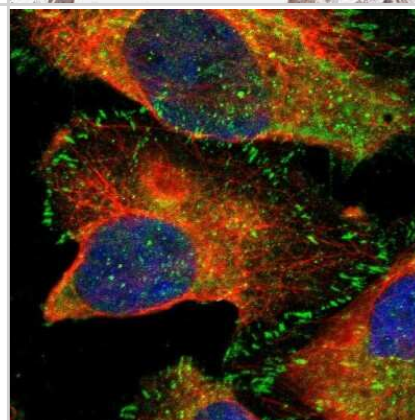


Images

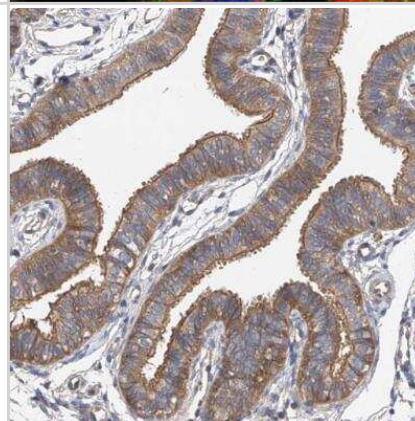
Immunohistochemistry-Paraffin: FAK Antibody [NBP1-84750] - Staining of human placenta shows strong cytoplasmic positivity in trophoblastic cells.



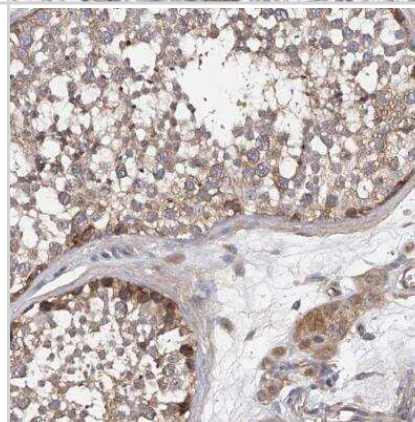
Immunocytochemistry/Immunofluorescence: FAK Antibody [NBP1-84750] - Staining of human cell line U-2 OS shows localization to cytosol & focal adhesion sites. Antibody staining shown in green.



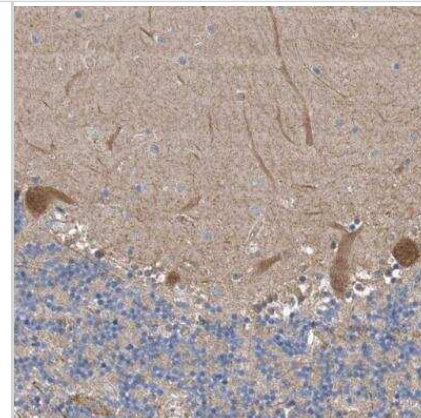
Immunohistochemistry-Paraffin: FAK Antibody [NBP1-84750] - Staining of human fallopian tube shows moderate cytoplasmic and membranous positivity in glandular cells.



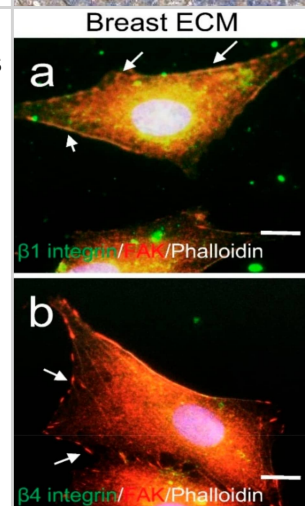
Immunohistochemistry-Paraffin: FAK Antibody [NBP1-84750] - Staining of human testis shows moderate to cytoplasmic positivity in spermatogonia and Leydig cells.



Immunohistochemistry-Paraffin: FAK Antibody [NBP1-84750] - Staining of human cerebellum shows moderate cytoplasmic positivity in Purkinje cells.



Immunocytochemistry/ Immunofluorescence: FAK Antibody [NBP1-84750] - Membrane surface receptor expression & metabolomic analysis of cells grown on porcine breast fatty tissue ECM hydrogel. Integrin $\beta 1$ (a) or $\beta 4$ (b) receptor (green) & FAK (red) expression in MM231 cells cultured on the ECM hydrogel-coated coverslips were assessed by IF. Phalloidin staining (white) of F-actin was used to contour the cells. Scale bars, 10 μm . (c) MS imaging of cross sections of the medium-conditioned blank (upper panels) & MM231 cell culture-laden (bottom panels) hydrogel scaffolds. (d) Examples of ROC (upper) & box-and-whiskers (bottom) plots from the MS imaging analysis, showing data for a compound with m/z 663.024, where differences between the hydrogel samples cultured with or without MM231 cells are clearly evident. Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/30257480>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Rijal G, Wang J, Yu I et al. Porcine Breast Extracellular Matrix Hydrogel for Spatial Tissue Culture. *Int J Mol Sci.* 2018 -09-25 [PMID: 30257480] (ICC/IF, Porcine)



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Products Related to NBP1-84750

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

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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