

Product Datasheet

PYK2/FAK2 Antibody - BSA Free NBP1-91228

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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Reviews: 1 Publications: 1

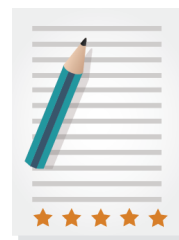
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Updated 2/21/2025 v.20.1

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NBP1-91228

PYK2/FAK2 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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

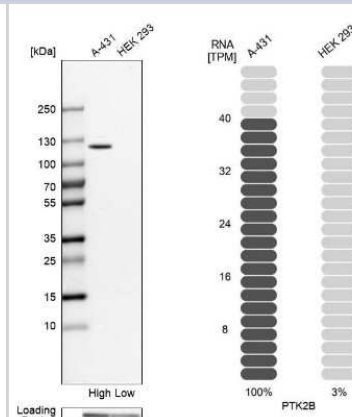
Host	Rabbit
Gene ID	2185
Gene Symbol	PTK2B
Species	Human, Rat
Reactivity Notes	Mouse (88%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TLTSPMEYPSPVNSLHTPPLHRHNVFKRHSMREEDFIQPSSREEAQQQLWEAEK VKMRQILDKQQKQMVEDYQWLRQEEKSLDPM

Product Application Details

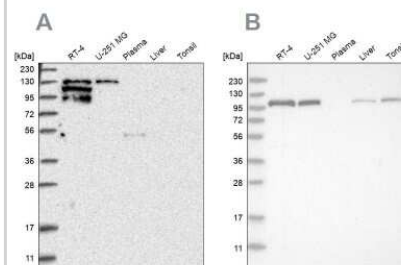
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

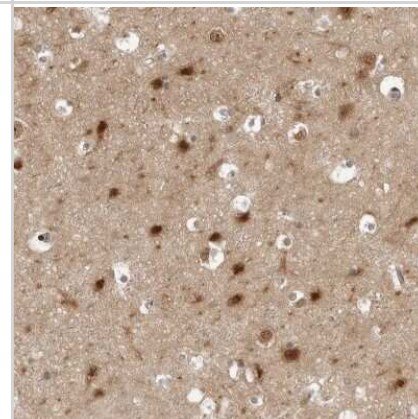
Western Blot: PYK2/FAK2 Antibody [NBP1-91228] - Analysis in human cell lines A-431 and HEK293 using anti-PTK2B antibody. Corresponding PTK2B RNA-seq data are presented for the same cell lines. Loading control: anti-GAPDH.



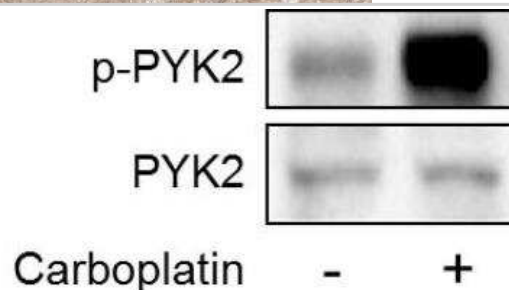
Western Blot: PYK2/FAK2 Antibody [NBP1-91228] - Analysis using Anti-PTK2B antibody NBP1-91228 (A) shows similar pattern to independent antibody NBP1-91227 (B).



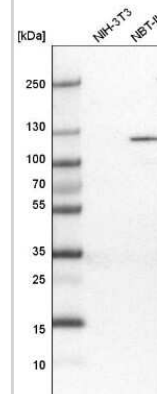
Immunohistochemistry-Paraffin: PYK2/FAK2 Antibody [NBP1-91228] - Staining of human cerebral cortex shows strong nuclear positivity in neuronal cells.



Western Blot: PYK2/FAK2 Antibody [NBP1-91228] - Human breast cancer cell line MDA-MB-231 was treated with carboplatin for 72 hours and the expression of phospho-PYK2 and total PYK2 were detected by Western blot. Image submitted by a verified customer review.



Western Blot: PYK2/FAK2 Antibody [NBP1-91228] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Publications

Lu H, Chen I, Shimoda LA et al. Chemotherapy-Induced Ca²⁺ Release Stimulates Breast Cancer Stem Cell Enrichment Cell Rep. 2017-02-21 [PMID: 28228260] (WB, Human)

Details:
The positive impact of HIF inhibitors on breast cancer chemotherapy is explored through GSTO1 knockdown.



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Products Related to NBP1-91228

NBP1-91228PEP	PYK2/FAK2 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.

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