

Product Datasheet

Hypoxic Post-Translational Modification Antibody Pack NBP1-78948

Unit Size: 3 Vials

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Updated 7/4/2023 v.20.1

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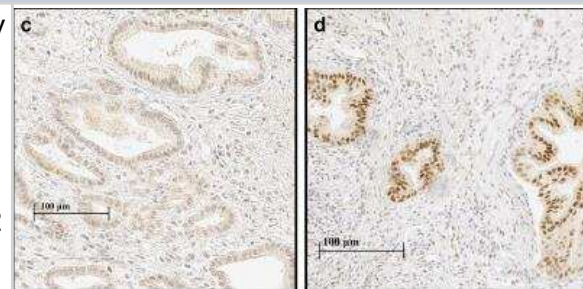


NBP1-78948**Hypoxic Post-Translational Modification Antibody Pack**

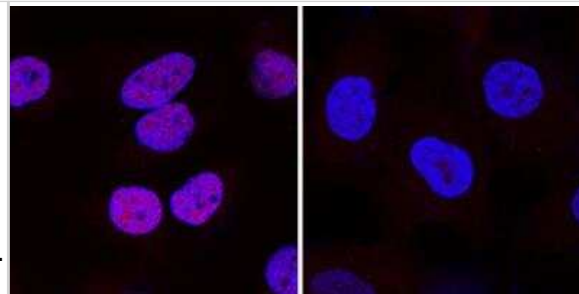
Product Information	
Unit Size	3 Vials
Concentration	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Buffer	See individual datasheets.
Product Description	
Description	This pack contains 1 vial each of: NB100-105 (25 uL), NB100-186 (25 uL) and NBP1-30333 (25 uL).
Species	Human
Reactivity Notes	Human, however additional species may be possible for individual products.
Specificity/Sensitivity	This Hypoxic Post-Translational Modification Antibodies Sample Pack includes antibodies to HIF-1 alpha, FIH and Tankyrase.
Immunogen	See individual datasheets.
Kit Components	NB100-105: HIF-1 alpha Antibody (H1alpha67), Hypoxic Post-Translational Modification Antibody Pack, NBP1-30333: FIH-1/HIF-1AN Antibody (162c)
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Application Notes	Mainly Western blot, however additional applications may be possible for individual products. See individual datasheets for validated applications.

Images

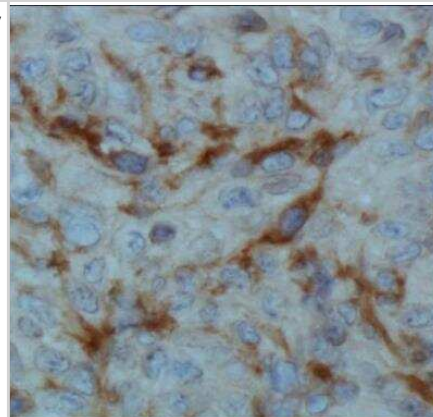
Immunohistochemistry: Hypoxic Post-Translational Modification Antibody Pack [NBP1-78948] - HIF-1alpha expression in PDAC and adjacent normal pancreatic tissue. PDAC with weak (intensity 1) nuclear and cytoplasmic HIF-1alpha staining (left). PDAC with strong (intensity 3) nuclear and moderate (intensity 2) cytoplasmic HIF-1alpha staining (right). Image collected and cropped by CiteAb from the following publication (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6129570/>), licensed under a CC-BY license. HIF-1 alpha Antibody (H1alpha67) [NB100-105]



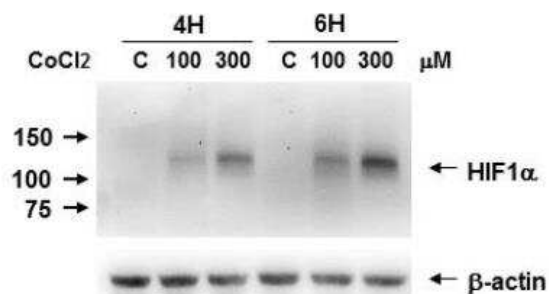
Knockout Validated: Hypoxic Post-Translational Modification Antibody Pack [NBP1-78948] - HIF-1 alpha was detected in immersion fixed DFO treated Hela cells (left) but was not detected in HIF-1 knockout HeLa cells (right) using Mouse Anti-human HIF-1 alpha monoclonal antibody (Catalog #NB100-105) at 25 ug/mL for 3 hours at room temperature. Cells were stained using a NorthernLights (TM) 557-conjugated Donkey Anti-Mouse IgG Secondary Antibody (red; Catalog # NL007) and counterstained with DAPI (blue). Specific staining was localized to nuclei.



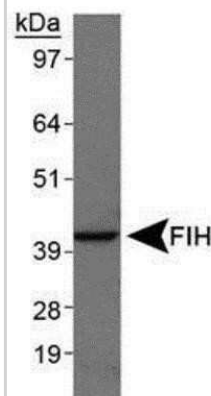
Immunohistochemistry: Hypoxic Post-Translational Modification Antibody Pack [NBP1-78948] - Analysis of FIH in human renal cancer using DAB with hematoxylin counterstain. Factor Inhibiting HIF-1 Antibody (162c) [NBP1-30333]



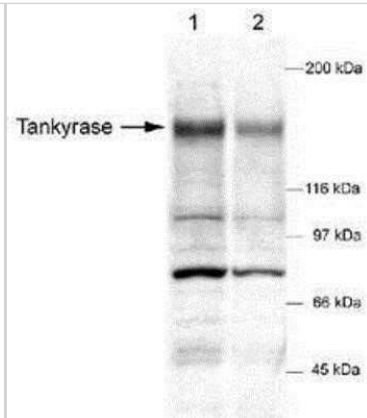
Western Blot: Hypoxic Post-Translational Modification Antibody Pack [NBP1-78948] - HIF-1 alpha induction by CoCl₂ on Caki-1 cell lysate. Image from verified customer review. HIF-1 alpha Antibody (H1alpha67) [NB100-105]



Western Blot: Hypoxic Post-Translational Modification Antibody Pack [NBP1-78948] - Western blot analysis of Factor Inhibiting HIF-1 Antibody in A431 cell lysates using NBP1-30333.



Western Blot: Hypoxic Post-Translational Modification Antibody Pack [NBP1-78948] - 3vials- Detection of tankyrase in DU145 whole cell lysates (50 ug) using NB 100-186. ECL detection - 30 seconds. Lane 1 - 1:500 primary dilution; Lane 2 - 1:2,000 primary dilution. Tankyrase 1 Antibody [NB100-186]





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Limitations

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

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