

Product Datasheet

PCTAIRE1 Antibody - BSA Free NBP1-92248

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: 4

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Updated 9/9/2025 v.20.1

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NBP1-92248

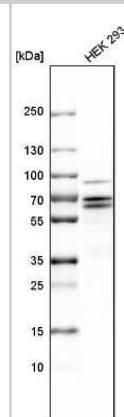
PCTAIRE1 Antibody - BSA Free

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	
Description	Novus Biologicals Rabbit PCTAIRE1 Antibody - BSA Free (NBP1-92248) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-PCTAIRE1 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5127
Gene Symbol	CDK16
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25205104).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MDRMKKIKRQLSMTLRGGRGIDKTNGAPEQIGLDESGGGGGSDPGEAPTRAA PGELRSARGPLSSAPEIVHEDLKMGS DGEDQASATSSDEVQSPVRVRMRNH PPRKISTEDINKRLSLPAD
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, 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 reactivity reported in (PMID: 25205104), WB reactivity reported in (PMID: 25593992).

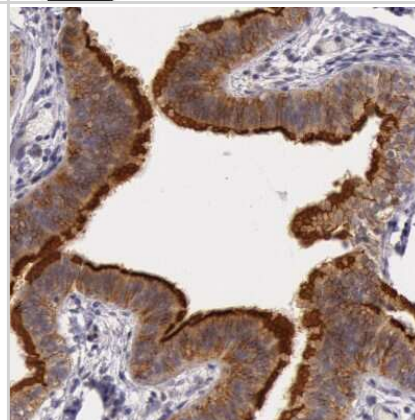


Images

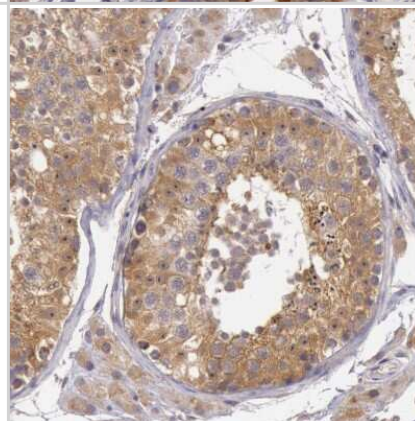
Western Blot: PCTAIRE1 Antibody [NBP1-92248] - Analysis in human cell line HEK 293.



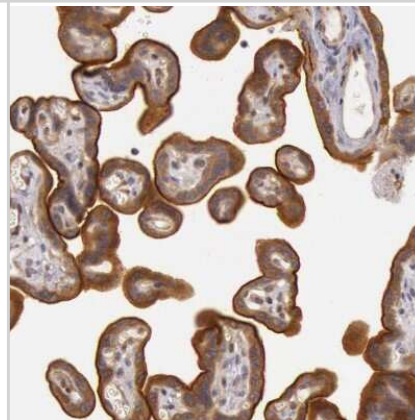
Immunohistochemistry-Paraffin: PCTAIRE1 Antibody [NBP1-92248] - Staining of human fallopian tube shows moderate to strong cytoplasmic positivity in glandular cells.



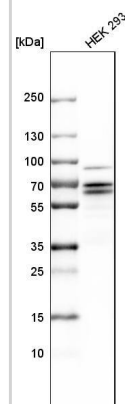
Immunohistochemistry-Paraffin: PCTAIRE1 Antibody [NBP1-92248] - Staining of human testis shows moderate to strong cytoplasmic positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: PCTAIRE1 Antibody [NBP1-92248] - Staining of human placenta shows moderate to strong cytoplasmic positivity in trophoblastic cells.



Analysis in human cell line HEK 293.



Publications

Gillani SQ, Reshi I, Nabi N et al. PCTAIRE1 promotes mitotic progression and resistance against antimitotic and apoptotic signals *Journal of cell science* 2022-01-19 [PMID: 35044463] (WB, Human)

Yanagi T, Shi R, Aza-Blanc P, Reed JC, Matsuzawa SI. PCTAIRE1-Knockdown Sensitizes Cancer Cells to TNF Family Cytokines. *PLoS One* 2015-01-01 [PMID: 25790448] (WB, Human)

Yanagi T, Reed JC, Matsuzawa SI. PCTAIRE1 regulates p27 stability, apoptosis and tumor growth in malignant melanoma. *Oncoscience* 2014-01-01 [PMID: 25593992] (WB, Human)

Yanagi T, Krajewska M, Matsuzawa SI et al. PCTAIRE1 phosphorylates p27 and regulates mitosis in cancer cells. *Cancer Res* 2014-10-15 [PMID: 25205104] (ICC/IF, IF/IHC, Human)



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Products Related to NBP1-92248

NBP1-92248PEP	PCTAIRE1 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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