

Product Datasheet

PRRX1 Antibody NBP2-13816

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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NBP2-13816**PRRX1 Antibody**

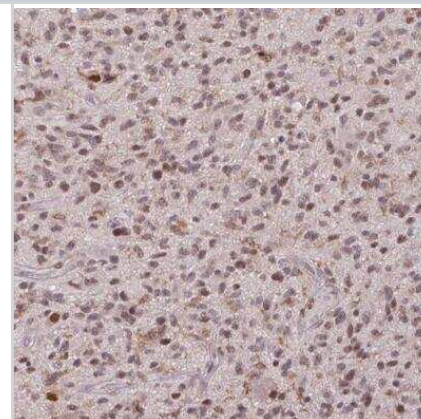
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	5396
Gene Symbol	PRRX1
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23355395)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LDLEEAGDMVAAQADENVGEAGRSLLSPGLTSGSDTPQQDNDQLNSEEK KKRKQRRNR

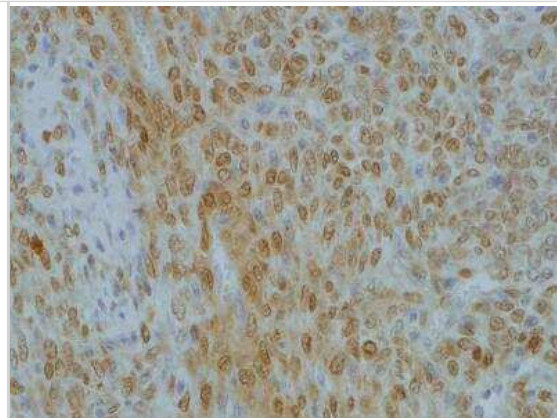
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. PRRX1 antibody validated for IHC-P from a verified customer review.

Images

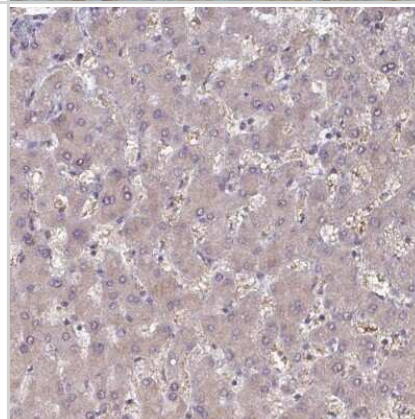
Immunohistochemistry-Paraffin: PRRX1 Antibody [NBP2-13816] - Staining of human malignant glioma shows moderate to strong nuclear positivity in tumor cells.



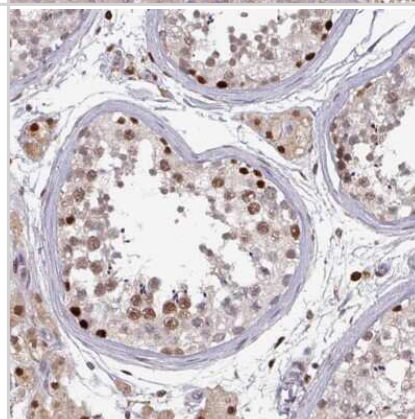
Immunohistochemistry-Paraffin: PRRX1 Antibody [NBP2-13816] - Image submitted by a verified customer review.



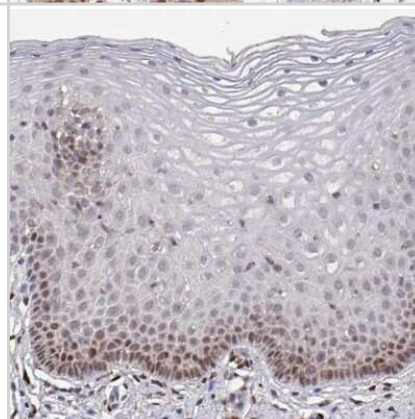
Immunohistochemistry-Paraffin: PRRX1 Antibody [NBP2-13816] - Staining of human liver shows no nuclear positivity in hepatocytes, as expected.



Immunohistochemistry-Paraffin: PRRX1 Antibody [NBP2-13816] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts, as well as Leydig cells.



Immunohistochemistry-Paraffin: PRRX1 Antibody [NBP2-13816] - Staining of human uterine cervix shows moderate nuclear positivity in basal cells of squamous epithelium.



Publications

Shintani A, Higuchi M Protocol for isolating adult pituitary stem/progenitor cells in mice STAR protocols 2022-06-17 [PMID: 35677611] (Mouse)

Rodriguez-Tirado C, Kale N, Carlini MJ et al. NR2F1 is a barrier to dissemination of early stage breast cancer cells Cancer research [PMID: 35471456] (ICC/IF, Mouse)

Joko R, Yamada D, Nakamura M et al. PRRX1 promotes malignant properties in human osteosarcoma Translational Oncology 2021-01-01 [PMID: 33395745]

Song I, Kim K, Lim S et al. Expression and prognostic significance of epithelial-mesenchymal transition-related markers and phenotype in serous ovarian cancer. Pathology - Research and Practice 2018-07-01 [PMID: 30082157] (IF/IHC, Human)

Yi K, Kim H, Chung Y et al. Clinicopathologic Correlations of E-cadherin and Prrx-1 Expression Loss in Hepatocellular Carcinoma. J Pathol Transl Med 2016-09-01 [PMID: 27580127] (IF/IHC)

Reichert M, Takano S, Burstin J et al. The Prrx1 Homeodomain Transcription Factor Plays a Central Role in Pancreatic Regeneration and Carcinogenesis Genes Dev. 2013-02-01 [PMID: 23355395]

Hardin H, Guo Z, Shan W et al. The Roles of the Epithelial-Mesenchymal Transition Marker PRRX1 and MicroRNA 146b-5p in Papillary Thyroid Carcinoma Progression. Am. J. Pathol. 2014-06-17 [PMID: 24946010] (IHC-P, Human)

Details:

Used for IHC-P of PRRX1 on whole sections of FFPE lymph node tissues /seven Papillary Thyroid Carcinoma (PTCs) and one anaplastic thyroid carcinoma (ATC) TMAs with automated immunostaining procedure/ Lab Vision 360 LV-1 Autostainer system - 1:20 dilution, incubation 1 hr followed by biotinylated goat anti-rabbit IgG for 15 minutes, 4+ streptavidin–horseradish peroxidase treatment for 15 minutes followed by DAB and hematoxylin 1 minute each. PRRX1 staining evaluated based on the presence or absence of nuclear immunoreactivity in thyroid epithelial cells.





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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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