

# Product Datasheet

## FGFR1 Antibody - BSA Free NBP2-33784

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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[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 2

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Updated 3/4/2026 v.20.1

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**NBP2-33784**

FGFR1 Antibody - BSA Free

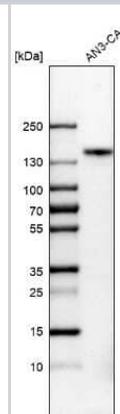
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	2260
Gene Symbol	FGFR1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: LPEQAQPWGAPVEVESFLVHPGDLLQLRCRLRDDVQSINWLRDGVQLAESNR TR

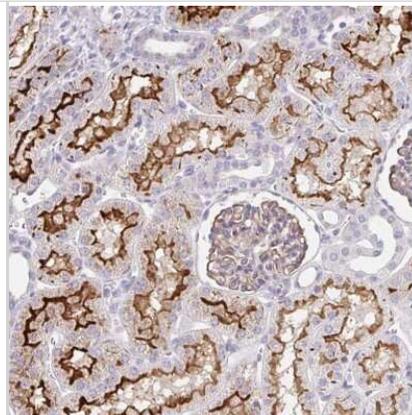
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

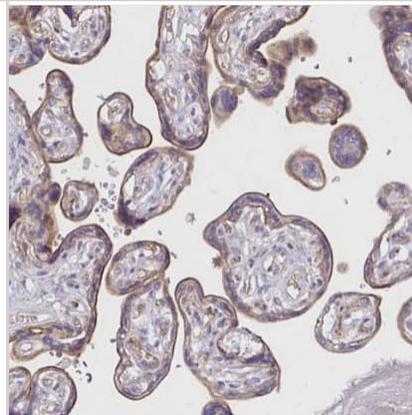
Western Blot: FGFR1 Antibody [NBP2-33784] - Analysis in human cell line AN3-CA.



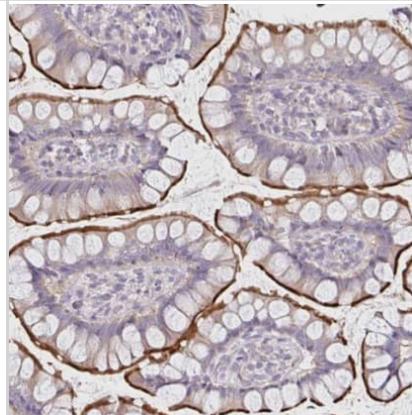
Immunohistochemistry-Paraffin: FGFR1 Antibody [NBP2-33784] - Staining of human kidney shows strong membranous positivity in cells in tubules.



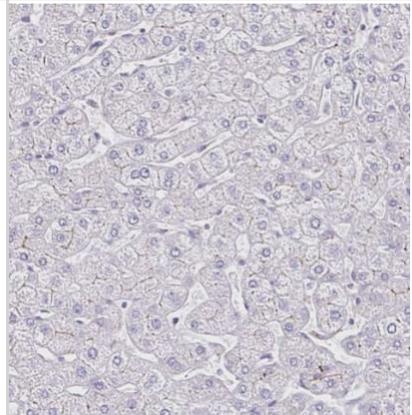
Immunohistochemistry-Paraffin: FGFR1 Antibody [NBP2-33784] - Staining of human placenta shows moderate membranous positivity in trophoblastic cells.



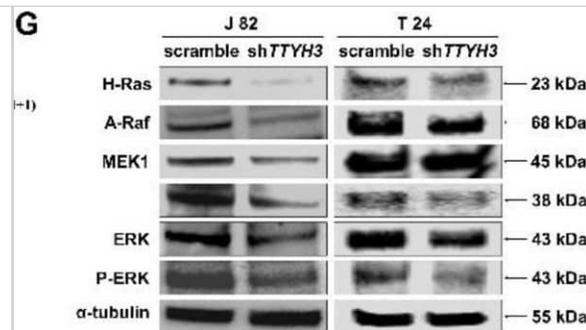
Immunohistochemistry-Paraffin: FGFR1 Antibody [NBP2-33784] - Staining of human small intestine shows moderate membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: FGFR1 Antibody [NBP2-33784] - Staining of human liver shows no positivity in hepatocytes as expected.



Genes co-expressed with TTYH3 and related pathways in bladder cancer. (A) UALCAN analysis of the profile of genes co-expressed with TTYH3. (B–F) Profiles of genes co-expressed with TTYH3 involved in signaling pathways in bladder urothelial carcinoma (BLCA). This figure depicts the results showing the gene ontology (GO) and signaling pathways of TTYH3, and the positively correlated genes in bladder cancer. The bar graphs represent genes positively correlated to TTYH3, showing the involvement in BLCA in pathway analysis performed using Enricher. The bar graph represents the ratio of the percent composition of terms in proteomic data vs. percent composition in the genome annotation. The length of the bar represents the significance of that specific gene-set or term. (G) Western blot analysis of mitogen-activated protein kinase (MAPK) signaling and FGFR1 proteins in TTYH3-knockdown bladder cancer cell lines.  $\alpha$ -tubulin expression was used as the control. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/36142409>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



## Publications

Polash Kumar Biswas, Yeonjoo Kwak, Aram Kim, Jaekwon Seok, Hee Jeong Kwak, Moonjung Lee, Ahmed Abdal Dayem, Kwonwoo Song, Jae-Yong Park, Kyoung Sik Park, Hyun Jin Shin, Ssang-Goo Cho, Giuseppe Lucarelli  
 TTYH3 Modulates Bladder Cancer Proliferation and Metastasis via FGFR1/H-Ras/A-Raf/MEK/ERK Pathway  
 International Journal of Molecular Sciences 2022-09-10 [PMID: 36142409]

Bin Lee, S;Abdal Dayem, A;Kmieciak, S;Min Lim, K;Sik Seo, D;Kim, HT;Kumar Biswas, P;Do, M;Kim, DH;Cho, SG;  
 Efficient improvement of the proliferation, differentiation, and anti-arthritis capacity of mesenchymal stem cells by simply culturing on the immobilized FGF2 derived peptide, 44-ERGVVSIKGV-53  
 Journal of advanced research 2023-09-28 [PMID: 37777063]



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-33784**

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NBP2-33784PEP	FGFR1 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

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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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