

# Product Datasheet

## FHIT Antibody - BSA Free NBP1-89062

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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**NBP1-89062**

FHIT Antibody - BSA Free

**Product Information**

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

**Product Description**

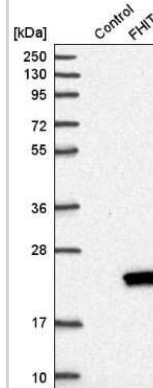
<b>Host</b>	Rabbit
<b>Gene ID</b>	2272
<b>Gene Symbol</b>	FHIT
<b>Species</b>	Human
<b>Reactivity Notes</b>	Human reactivity reported in scientific literature (PMID: 23019410).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: FRFGQHLLKPSVVFLKTELSFALVNRKPVVPGHVLVCPLRPVERFHDLRPDEVA DLFQTTQRVGTVVE

**Product Application Details**

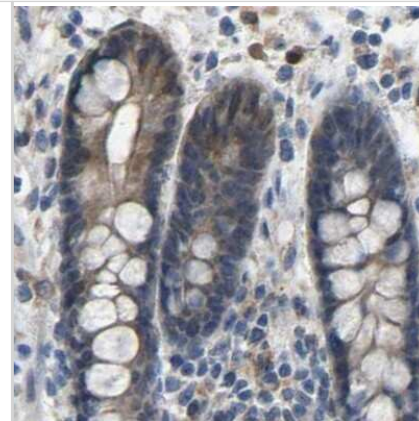
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunohistochemistry-Paraffin 1:20 - 1:50
<b>Application Notes</b>	IHC reported in scientific literature (PMID: 23019410). For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

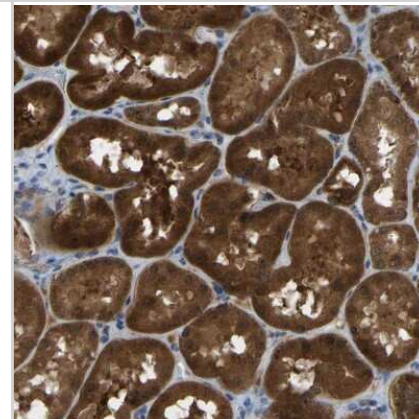
Western Blot: FHIT Antibody [NBP1-89062] - Analysis in control (vector only transfected HEK293T lysate) and fHIT over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



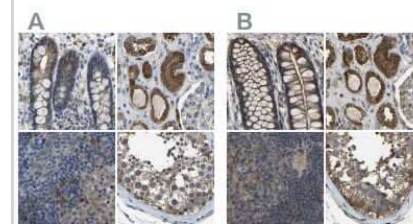
Immunohistochemistry-Paraffin: FHIT Antibody [NBP1-89062] - Staining of human colon.



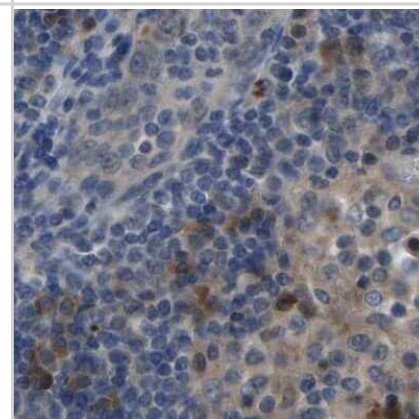
Immunohistochemistry-Paraffin: FHIT Antibody [NBP1-89062] - Staining of human kidney shows strong cytoplasmic positivity in tubule cells.



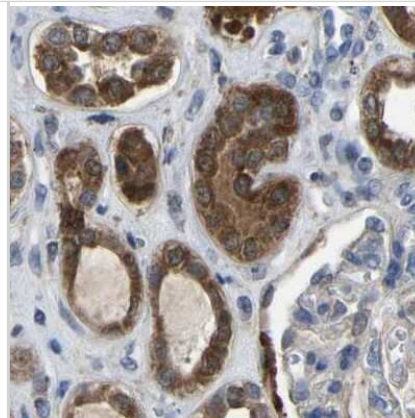
Immunohistochemistry-Paraffin: FHIT Antibody [NBP1-89062] - Staining of human colon, kidney, lymph node and testis using Anti-FHIT antibody NBP1-89062 (A) shows similar protein distribution across tissues to independent antibody NBP1-89061 (B).



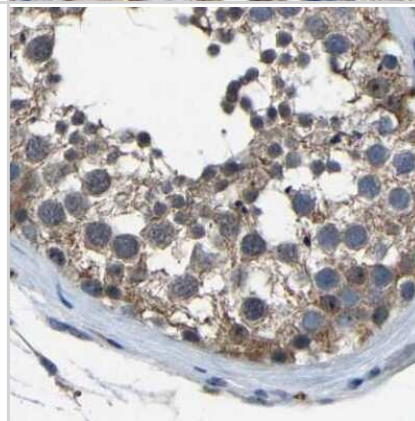
Immunohistochemistry-Paraffin: FHIT Antibody [NBP1-89062] - Staining of human lymph node.



Immunohistochemistry-Paraffin: FHIT Antibody [NBP1-89062] - Staining of human kidney.



Immunohistochemistry-Paraffin: FHIT Antibody [NBP1-89062] - Staining of human testis.



## Publications

Diaz RJ, Guduk M, Romagnuolo R et al. High-resolution Whole-Genome Analysis of Skull Base Chordomas Implicates FHIT Loss in Chordoma Pathogenesis. *Neoplasia* 2012-09-01 [PMID: 23019410] (IF/IHC, Human)

Bolander A, Agnarsdottir M, Stromberg S et al. The protein expression of TRP-1 and galectin-1 in cutaneous malignant melanomas. *Cancer Genomics Proteomics* 2008-11-01 [PMID: 19287070]



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### **Products Related to NBP1-89062**

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NBP1-89062PEP	FHIT 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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