

Product Datasheet

FHIT Antibody - BSA Free NBP1-89061

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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NBP1-89061

FHIT Antibody - BSA Free

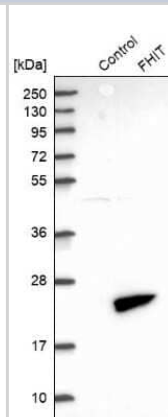
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	2272
Gene Symbol	FHIT
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (85%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GTSLTFSMQDGPEAGQTVKHVHVHVLPRKAGDFHRNDSIYEELQKHKEDFP ASWRSEEEEMAAEA

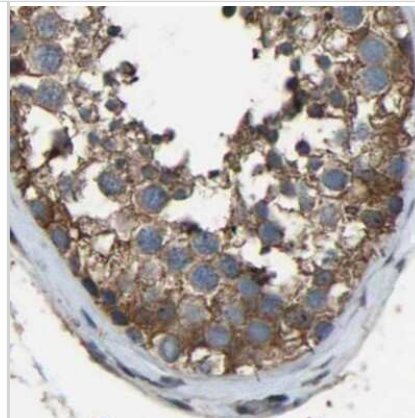
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	WB reported in scientific literature (PMID: 30107138). For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

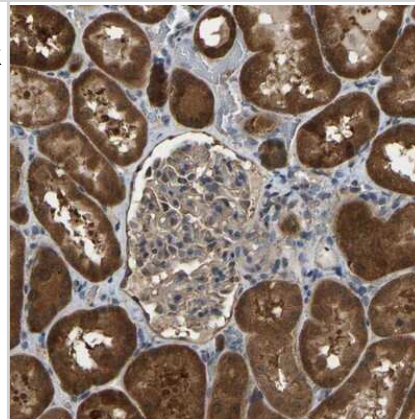
Western Blot: FHIT Antibody [NBP1-89061] - Analysis in control (vector only transfected HEK293T lysate) and FHIT over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



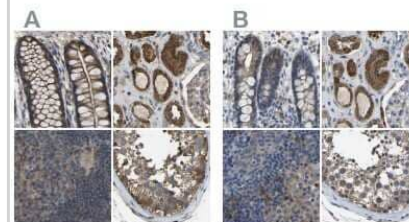
Immunohistochemistry-Paraffin: FHIT Antibody [NBP1-89061] - Staining of human testis.



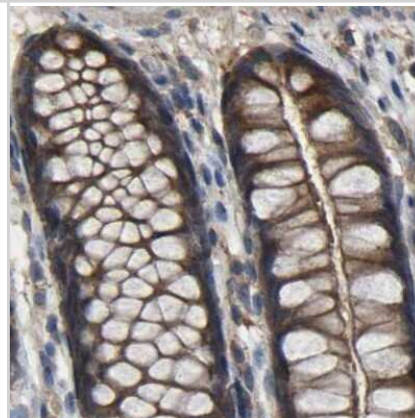
Immunohistochemistry-Paraffin: FHIT Antibody [NBP1-89061] - Staining of human kidney shows strong cytoplasmic positivity in tubules and weak staining in glomeruli.



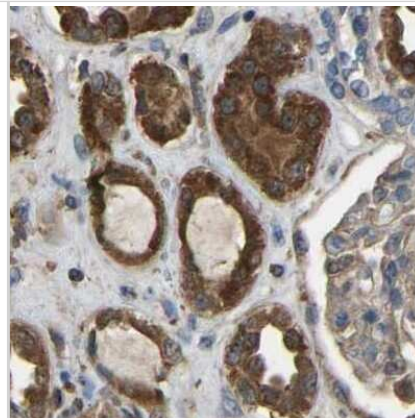
Immunohistochemistry-Paraffin: FHIT Antibody [NBP1-89061] - Staining of human colon, kidney, lymph node and testis using Anti-FHIT antibody NBP1-89061 (A) shows similar protein distribution across tissues to independent antibody NBP1-89062 (B).



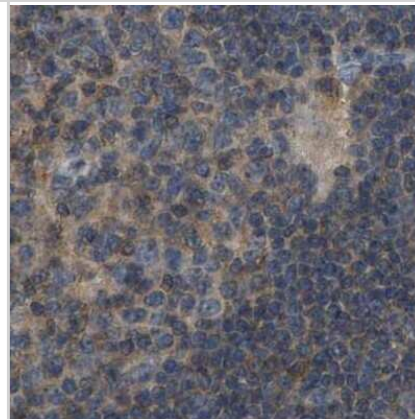
Immunohistochemistry-Paraffin: FHIT Antibody [NBP1-89061] - Staining of human colon.



Immunohistochemistry-Paraffin: FHIT Antibody [NBP1-89061] - Staining of human kidney.



Immunohistochemistry-Paraffin: FHIT Antibody [NBP1-89061] - Staining of human lymph node.



Publications

Dannewitz Prosseda S, Tian X, Kuramoto K et al. Fragile Histidine Triad (FHIT), a Novel Modifier Gene in Pulmonary Arterial Hypertension Am. J. Respir. Crit. Care Med. 2018-08-14 [PMID: 30107138] (WB, Human)



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Products Related to NBP1-89061

NBP1-89061PEP	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

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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