

# Product Datasheet

## KIF13B Antibody - BSA Free

### NBP1-83398

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: 1

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**NBP1-83398**

KIF13B Antibody - BSA Free

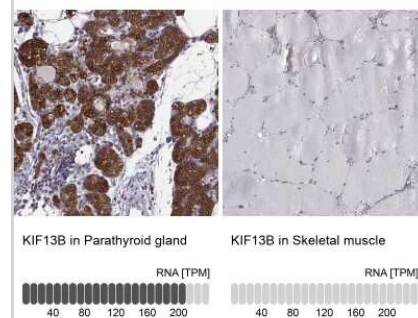
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal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

Product Description	
<b>Description</b>	Novus Biologicals Rabbit KIF13B Antibody - BSA Free (NBP1-83398) is a polyclonal antibody validated for use in IHC and WB. Anti-KIF13B Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	23303
<b>Gene Symbol</b>	KIF13B
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (86%), Rat (81%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LTGK GKLSRRSISSPNVNRLSGSRQDLIPSYSLGSNKGRWESQQDVSQTTVSR GIAPAPALSVSPQNNHSPDPGLSNLAASYLNP

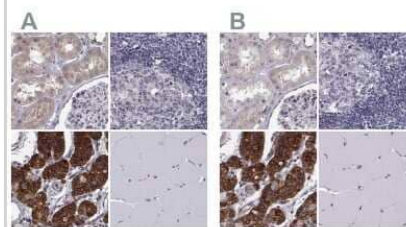
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

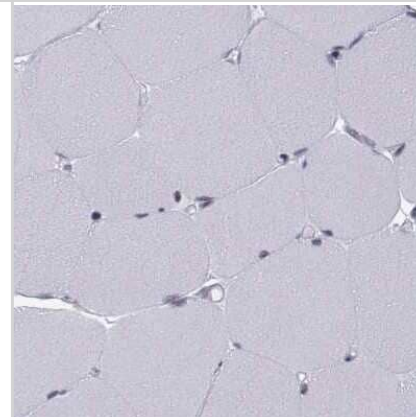
Immunohistochemistry-Paraffin: KIF13B Antibody [NBP1-83398] - Staining in human parathyroid gland and skeletal muscle tissues using anti-KIF13B antibody. Corresponding KIF13B RNA-seq data are presented for the same tissues.



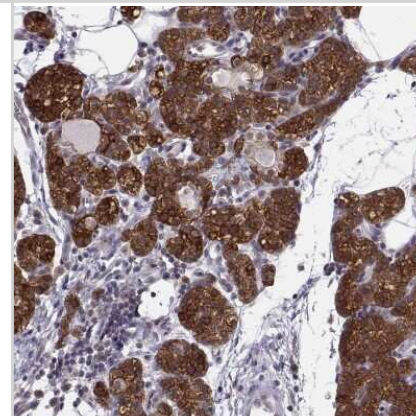
Immunohistochemistry-Paraffin: KIF13B Antibody [NBP1-83398] - Staining of human kidney, lymph node, parathyroid gland and skeletal muscle using Anti-KIF13B antibody NBP1-83398 (A) shows similar protein distribution across tissues to independent antibody NBP2-62619 (B).



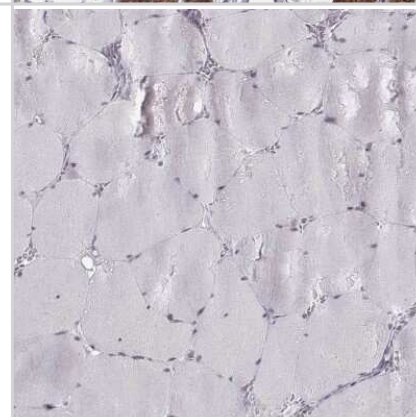
Immunohistochemistry-Paraffin: KIF13B Antibody [NBP1-83398] - Staining of human skeletal muscle using Anti-KIF13B antibody NBP1-83398.



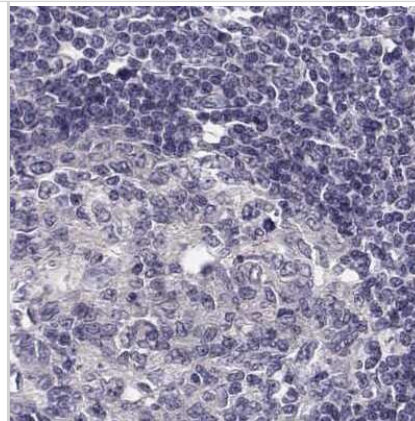
Immunohistochemistry-Paraffin: KIF13B Antibody [NBP1-83398] - Staining of human parathyroid gland shows high expression.



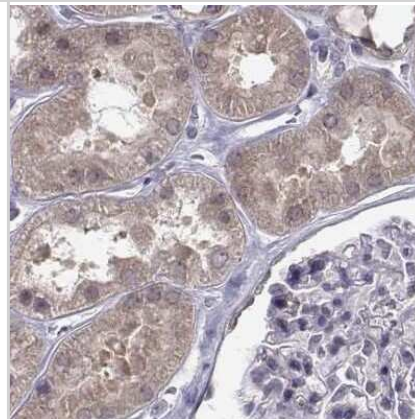
Immunohistochemistry-Paraffin: KIF13B Antibody [NBP1-83398] - Staining of human skeletal muscle shows low expression as expected.



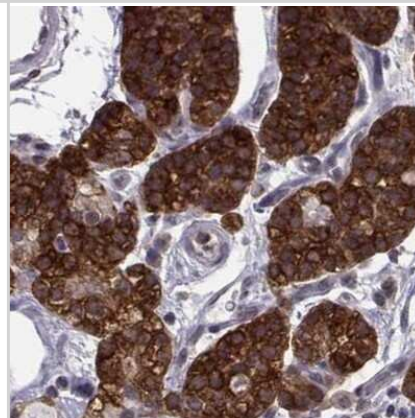
Immunohistochemistry-Paraffin: KIF13B Antibody [NBP1-83398] - Staining of human lymph node.



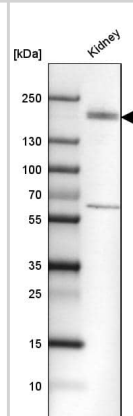
Immunohistochemistry-Paraffin: KIF13B Antibody [NBP1-83398] - Staining of human kidney.



Immunohistochemistry-Paraffin: KIF13B Antibody [NBP1-83398] - Staining of human parathyroid gland using Anti-KIF13B antibody NBP1-83398.



Analysis in human kidney tissue.



## Publications

Fukuda M Rab10 regulates tubular endosome formation through KIF13A/B motors. *J Cell Sci.* 2019-02-19 [PMID: 30700496] (WB, Human)



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### **Products Related to NBP1-83398**

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NBP1-83398PEP	KIF13B Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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