

# Product Datasheet

## GIMAP4 Antibody - BSA Free

### NBP1-83778

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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**NBP1-83778**

GIMAP4 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**

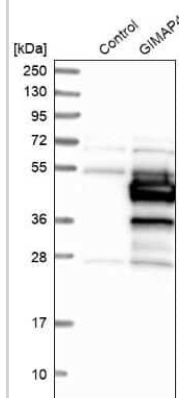
<b>Description</b>	Novus Biologicals Rabbit GIMAP4 Antibody - BSA Free (NBP1-83778) is a polyclonal antibody validated for use in IHC and WB. Anti-GIMAP4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	55303
<b>Gene Symbol</b>	GIMAP4
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: EDIQDLMDIFGDRYCALNNKATGAEQEAQRAQLLGLIQRVVRENKEGCTNRM YQRAEEIQQKTQAMQELHRVELE

**Product Application Details**

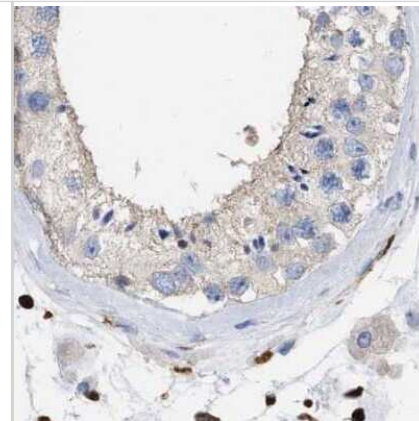
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	WB reported in scientific literature (PMID: 23041938). For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

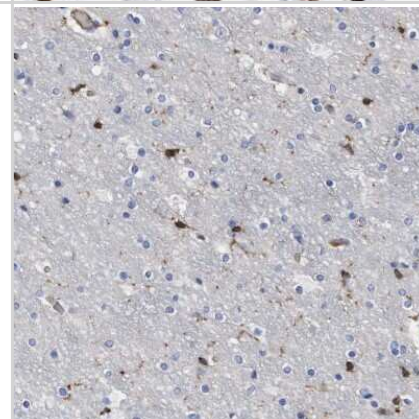
Western Blot: GIMAP4 Antibody [NBP1-83778] - Analysis in control (vector only transfected HEK293T lysate) and GIMAP4 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



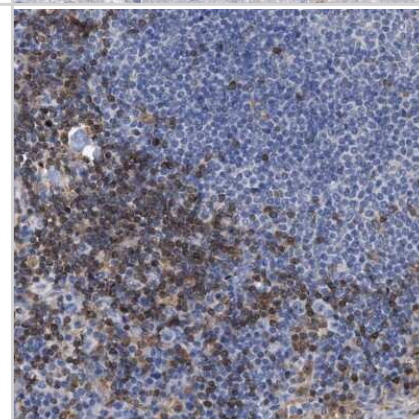
Immunohistochemistry-Paraffin: GIMAP4 Antibody [NBP1-83778] - Staining of human testis.



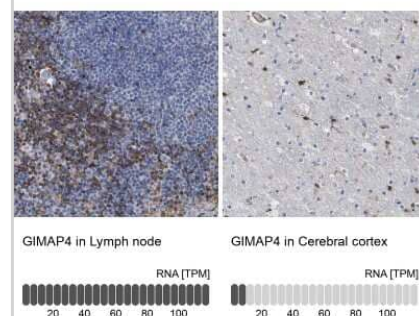
Immunohistochemistry-Paraffin: GIMAP4 Antibody [NBP1-83778] - Staining of human cerebral cortex shows low expression as expected.



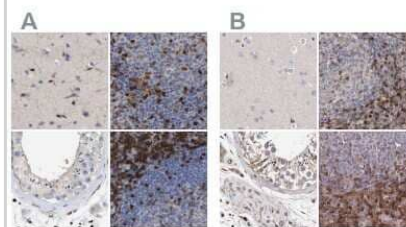
Immunohistochemistry-Paraffin: GIMAP4 Antibody [NBP1-83778] - Staining of human lymph node shows high expression.



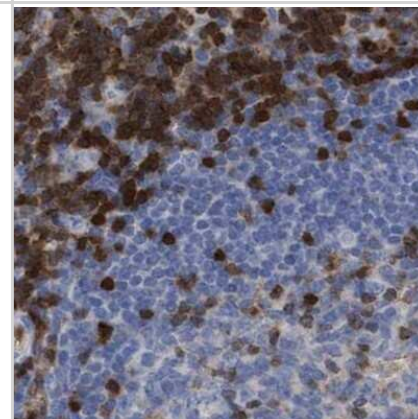
Immunohistochemistry-Paraffin: GIMAP4 Antibody [NBP1-83778] - Staining in human lymph node and cerebral cortex tissues using anti-GIMAP4 antibody. Corresponding GIMAP4 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: GIMAP4 Antibody [NBP1-83778] - Staining of human cerebral cortex, lymph node, testis and tonsil using Anti-GIMAP4 antibody NBP1-83778 (A) shows similar protein distribution across tissues to independent antibody NBP1-83776 (B).



Immunohistochemistry-Paraffin: GIMAP4 Antibody [NBP1-83778] - Staining of human tonsil.



## Publications

Lee YJ, Horie Y, Wallace GR et al. Genome-wide association study identifies GIMAP as a novel susceptibility locus for Behcet's disease Ann Rheum Dis 2012-10-06 [PMID: 23041938] (WB)



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### **Products Related to NBP1-83778**

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NBP1-83778PEP	GIMAP4 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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