

# Product Datasheet

## IL-18 BPa/IL18BP Antibody - BSA Free NBP2-38481

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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Updated 3/2/2025 v.20.1

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**NBP2-38481**IL-18 BP $\alpha$ /IL18BP Antibody - BSA Free

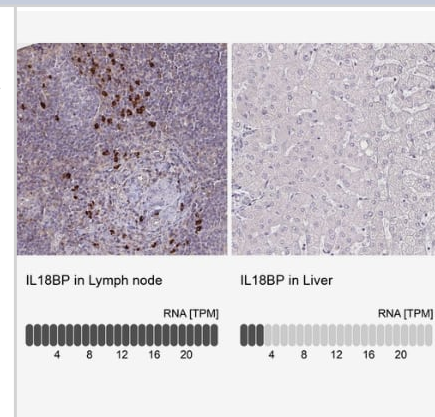
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	10068
Gene Symbol	IL18BP
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: RLWEGSTSRERGSTGTQLCKALVLEQLTPALHSTNFSCVLVDPEQVVQRHVVL AQLWAGLRATLPPTQEALPSSHSSPQQQG

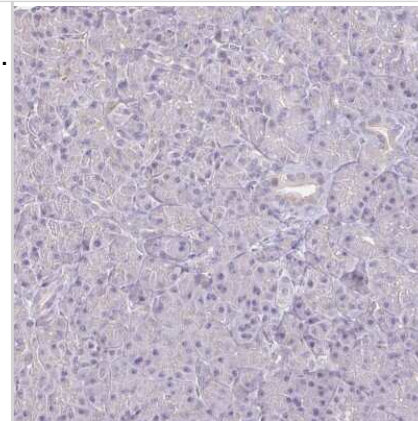
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

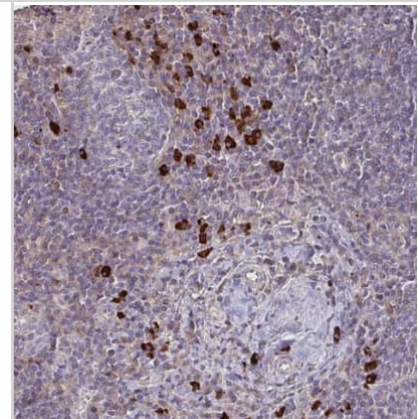
Immunohistochemistry-Paraffin: IL-18 BP $\alpha$ /IL18BP Antibody [NBP2-38481] - analysis in human lymph node and liver tissues using NBP2-38481 antibody. Corresponding IL18BP RNA-seq data are presented for the same tissues.



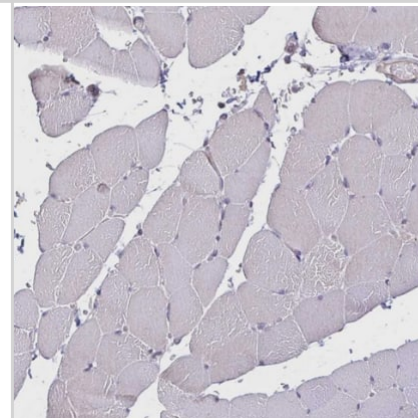
Immunohistochemistry-Paraffin: IL-18 BPa/IL18BP Antibody [NBP2-38481] - Staining of human pancreas shows low expression as expected.



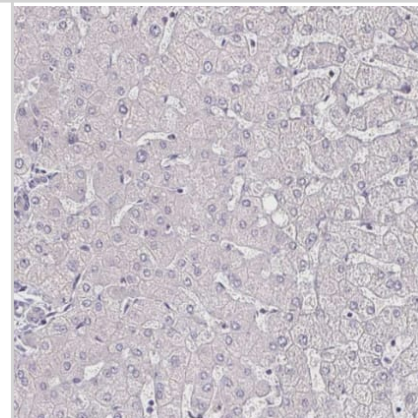
Immunohistochemistry-Paraffin: IL-18 BPa/IL18BP Antibody [NBP2-38481] -Staining of human lymph node shows strong cytoplasmic positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: IL-18 BPa/IL18BP Antibody [NBP2-38481] -Staining of human skeletal muscle shows no positivity in myocytes.



Immunohistochemistry-Paraffin: IL-18 BPa/IL18BP Antibody [NBP2-38481] -Staining of human liver shows no cytoplasmic positivity in hepatocytes.



## Publications

Lin C, Chao H, Li Z et al. Omega-3 fatty acids regulate NLRP3 inflammasome activation and prevent behavior deficits after traumatic brain injury *Exp Neurol*. 2017-04-01 [PMID: 28077340] (IF/IHC, Human)



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### **Products Related to NBP2-38481**

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NBP2-38481PEP	IL-18 BP $\alpha$ /IL18BP 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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