

Product Datasheet

Lipocalin-2/NGAL Antibody - BSA Free NBP1-90331

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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NBP1-90331

Lipocalin-2/NGAL Antibody - BSA Free

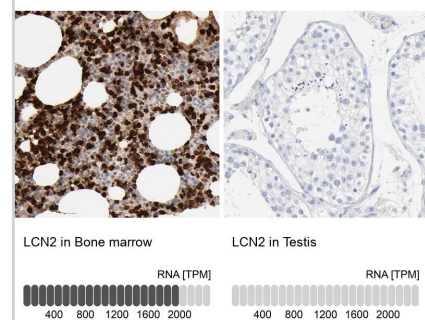
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	3934
Gene Symbol	LCN2
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 23736029).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QDSTSDLIPAPPLSKVPLQQNFQDNQFQGKWYVVGLAGNAILREDKDPQKMY ATIYELKEDKSYNVTSVLFRKKKCDYWIRTFVPGCQPGFEFTLGNIKSYPGLTSYL VRVVSTNYNQHAMVFFKKVSQNREYFKITL

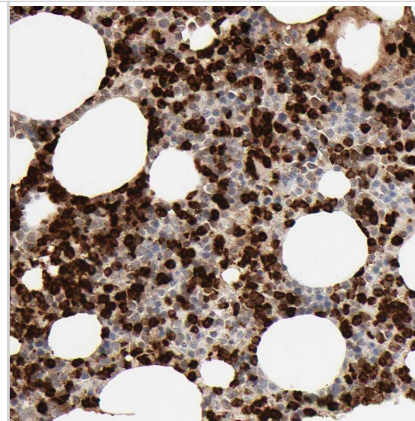
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

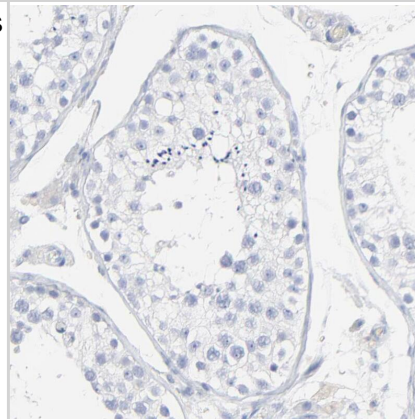
Analysis in human bone marrow and testis tissues using NBP1-90331 antibody. Corresponding LCN2 RNA-seq data are presented for the same tissues.



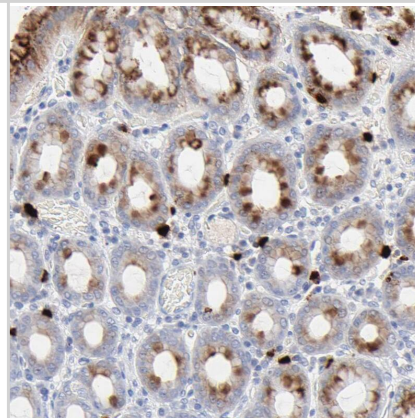
Staining of human bone marrow shows strong cytoplasmic positivity in hematopoietic cells.



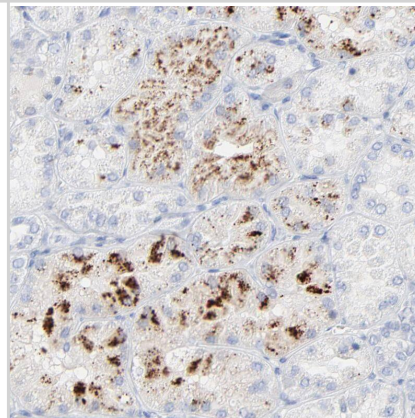
Staining of human testis shows no positivity in cells in seminiferous ducts as expected.



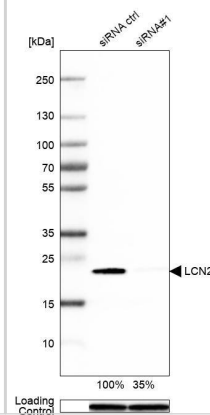
Staining of human stomach shows strong cytoplasmic positivity in glandular cells.



Staining of human kidney shows strong granular cytoplasmic positivity in subset of cells in tubules.



Analysis in Capan-2 cells transfected with control siRNA, target specific siRNA probe #1. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Publications

Diniz G, Pulular AG, Solakoglu Kahraman D et al. Tissue Expression of Neutrophil Gelatinase-Associated Lipocalin and Kidney Injury Molecule-1 in Breast Cancers European journal of breast health 2022-10-01 [PMID: 36248749] (IHC-P, Human)

Kahraman DS, Diniz G, Sayhan S Over expressions of neutrophil gelatinase-associated lipocalin and kidney injury molecule-1 in human uterine cervical neoplasms enhance tumor invasion European Journal of Gynaecological Oncology 2021-02-02 (IHC-P, Human)

Candido S, Maestro R, Polesel J et al. Roles of neutrophil gelatinase-associated lipocalin (NGAL) in human cancer. Oncotarget 2014-03-30 [PMID: 24742531] (IF/IHC, Human)

McLean MH, Thomson AJ, Murray GI et al. Expression of neutrophil gelatinase-associated lipocalin in colorectal neoplastic progression: a marker of malignant potential?. Br J Cancer 2013-06-25 [PMID: 23736029] (IF/IHC, Human)

Rathore KI, Berard JL, Redensek A et al. Lipocalin 2 plays an immunomodulatory role and has detrimental effects after spinal cord injury. J Neurosci 2011-09-01 [PMID: 21940434]



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Products Related to NBP1-90331

NBP1-90331PEP	Lipocalin-2/NGAL 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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