

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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

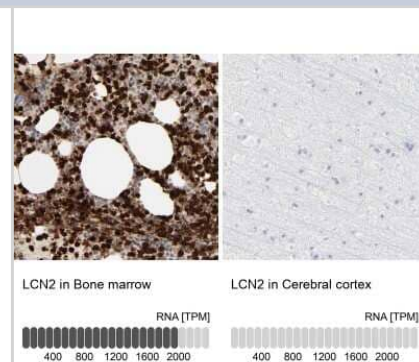
Product Description	
Host	Rabbit
Gene ID	3934
Gene Symbol	LCN2
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 23736029).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QDSTSDLIPAPPLSKVPLQQNFQDNQFQGKWWYVGLAGNAILREDKDPQKMY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

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, 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.

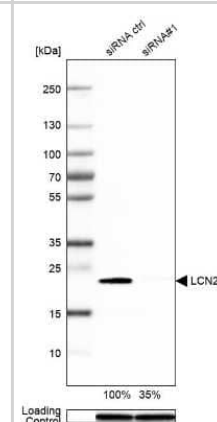


Images

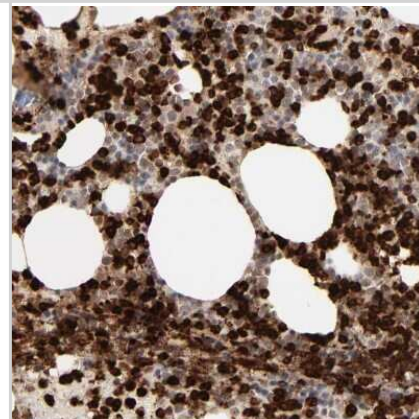
Immunohistochemistry-Paraffin: Lipocalin-2/NGAL Antibody [NBP1-90331] - Staining in human bone marrow and cerebral cortex tissues using anti-LCN2 antibody. Corresponding LCN2 RNA-seq data are presented for the same tissues.



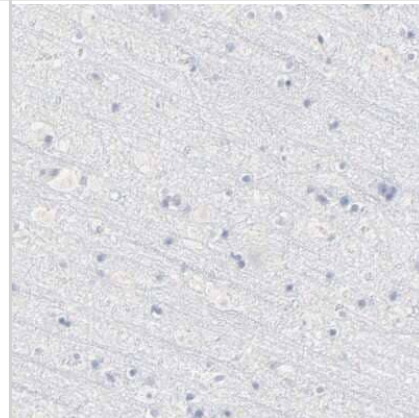
Western Blot: Lipocalin-2/NGAL Antibody [NBP1-90331] - Analysis in Capan-2 cells transfected with control siRNA, target specific siRNA probe #1, using anti-LCN2 antibody. Remaining relative intensity is presented. Loading control: anti-GAPDH.



Immunohistochemistry-Paraffin: Lipocalin-2/NGAL Antibody [NBP1-90331] - Staining of human bone marrow shows high expression.



Immunohistochemistry-Paraffin: Lipocalin-2/NGAL Antibody [NBP1-90331] - Staining of human cerebral cortex shows low expression as expected.



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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