antibodies - online.com







anti-Lipocalin 2 antibody (AA 1-100)



Images

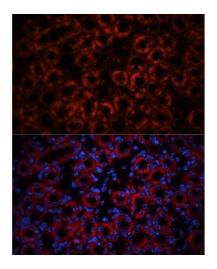


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Quantity:	100 μL		
Target:	Lipocalin 2 (LCN2)		
Binding Specificity:	AA 1-100		
Reactivity:	Human		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This Lipocalin 2 antibody is un-conjugated		
Application:	Western Blotting (WB), Immunofluorescence (IF)		
Product Details			
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Lipocalin-2/NGAL (NP_005555.2).		
Sequence:	MPLGLLWLGL ALLGALHAQA QDSTSDLIPA PPLSKVPLQQ NFQDNQFQGK WYVVGLAGNA ILREDKDPQK MYATIYELKE DKSYNVTSVL FRKKKCDYWI		
Isotype:	IgG		
Cross-Reactivity:	Human, Mouse, Rat		
Characteristics:	Polyclonal Antibodies		
Target Details			
Target:	Lipocalin 2 (LCN2)		

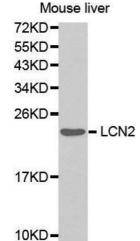
Target Details

Alternative Name:	LCN2 (LCN2 Products)			
Background:	This gene encodes a protein that belongs to the lipocalin family. Members of this family			
	transport small hydrophobic molecules such as lipids, steroid hormones and retinoids. The			
	protein encoded by this gene is a neutrophil gelatinase-associated lipocalin and plays a role in			
	innate immunity by limiting bacterial growth as a result of sequestering iron-containing			
	siderophores. The presence of this protein in blood and urine is an early biomarker of acute			
	kidney injury. This protein is thought to be be involved in multiple cellular processes, including			
	maintenance of skin homeostasis, and suppression of invasiveness and metastasis. Mice			
	lacking this gene are more susceptible to bacterial infection than wild type			
	mice.,LCN2,24p3,MSFI,NGAL,p25,Cancer,Tumor biomarkers,Signal Transduction,Endocrine &			
	Metabolism,Lipid Metabolism,Immunology & Inflammation,Cardiovascular,Lipids,Fatty			
	Acids,LCN2			
Molecular Weight:	22 kDa			
Gene ID:	3934			
UniProt:	P80188			
Pathways:	Cellular Response to Molecule of Bacterial Origin, Transition Metal Ion Homeostasis			
Application Details				
Application Notes:	WB,1:500 - 1:2000,IF,1:50 - 1:200			
Restrictions:	For Research Use only			
Handling				
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.			
Preservative:	Sodium azide			
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which			
	should be handled by trained staff only.			
	-20 °C			
Storage:	-20 °C			



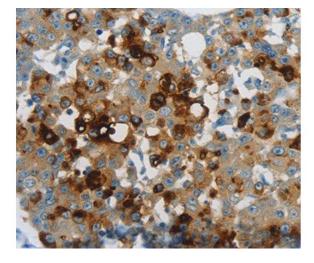
Immunofluorescence

Image 1. Immunofluorescence analysis of mouse kidney using Lipocalin-2/NGAL antibody (ABIN3017525, ABIN3017526, ABIN3017527 and ABIN6220135) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2.



Immunohistochemistry

Image 3.

Please check the product details page for more images. Overall 5 images are available for ABIN3017526.