

Datasheet for ABIN7427504  
**anti-Lipocalin 2 antibody (AA 21-198)**

## 4 Images

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## Overview

Quantity:	100 µL
Target:	Lipocalin 2 (LCN2)
Binding Specificity:	AA 21-198
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Lipocalin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Neutrophil gelatinase-associated lipocalin (NGAL)
Immunogen:	Recombinant Neutrophil gelatinase-associated lipocalin (NGAL) corresponding to Gln21~Asn198 with N-terminal His Tag
Clone:	D14
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against NGAL. It has been selected for its ability to recognize NGAL in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

## Target Details

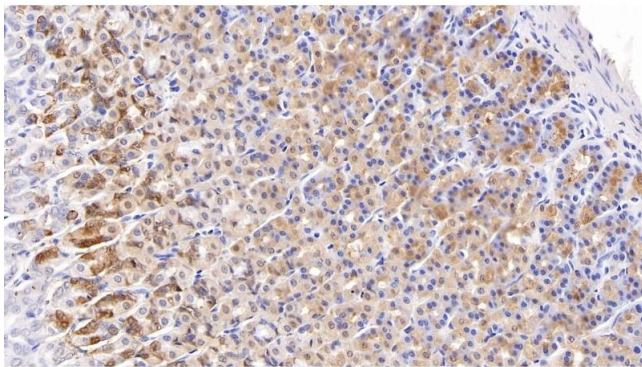
Target:	Lipocalin 2 (LCN2)
Alternative Name:	Neutrophil gelatinase-associated lipocalin ( <a href="#">LCN2 Products</a> )
Background:	Lipocalin-2, LCN2, p25, Lipocalin 2, Oncogene 24p3, 25 kDa alpha-2-microglobulin-related subunit of MMP-9, Siderocalin LCN2
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Transition Metal Ion Homeostasis</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

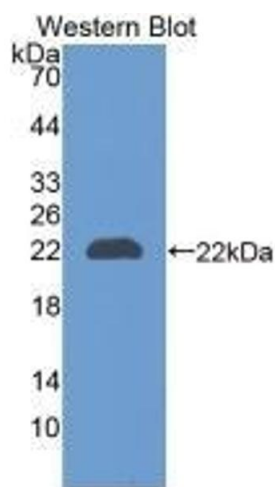
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



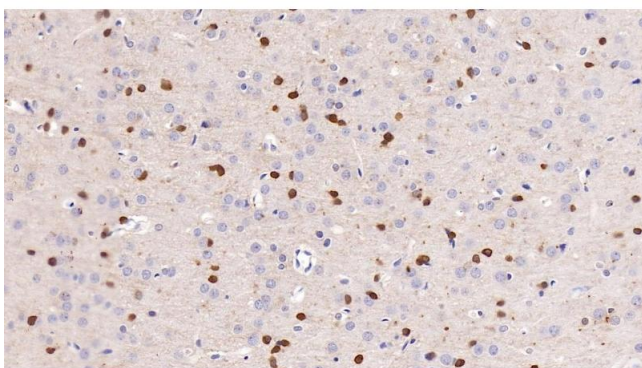
#### Immunohistochemistry

**Image 1.** Detection of NGAL in Rat Stomach Tissue using Monoclonal Antibody to Neutrophil gelatinase-associated lipocalin (NGAL)



#### Western Blotting

**Image 2.** Detection of Recombinant NGAL, Rat using Monoclonal Antibody to Neutrophil gelatinase-associated lipocalin (NGAL)



#### Immunohistochemistry

**Image 3.** Detection of NGAL in Rat Cerebrum Tissue using Monoclonal Antibody to Neutrophil gelatinase-associated lipocalin (NGAL)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7427504.