

Datasheet for ABIN7433594
anti-Lipocalin 2 antibody (AA 21-198)

2 Images

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Overview

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

Product Details

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|-------------------|---|
| Purpose: | Polyclonal Antibody to Neutrophil gelatinase-associated lipocalin (NGAL) |
| Immunogen: | Recombinant Neutrophil gelatinase-associated lipocalin (NGAL) corresponding to Gln21~Asn198 with N-terminal His Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against NGAL. It has been selected for its ability to recognize NGAL in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

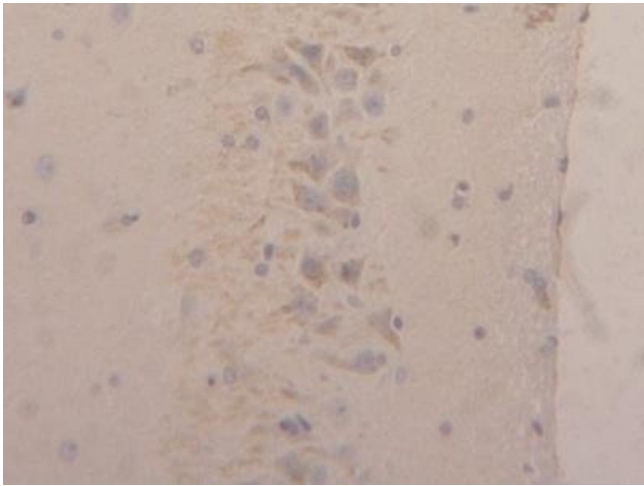
| | |
|-------------------|---|
| Target: | Lipocalin 2 (LCN2) |
| Alternative Name: | Neutrophil gelatinase-associated lipocalin (LCN2 Products) |
| Background: | Lipocalin-2, LCN2, p25, Lipocalin 2, Oncogene 24p3, 25 kDa alpha-2-microglobulin-related subunit of MMP-9, Siderocalin LCN2 |
| Pathways: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

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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 |

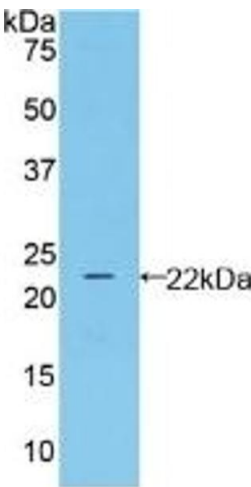
Handling

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|--------------------|---|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: 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 Brain Tissue using Polyclonal Antibody to Neutrophil gelatinase-associated lipocalin (NGAL)



Western Blotting

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