antibodies - online.com







anti-Lipocalin 2 antibody (AA 21-198)



Images

Publications



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| 2 (LCN2) | |
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| lotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) | |
| | |
| polyclonal antibody for Neutrophil gelatinase-associated lipocalin(LCN2) detection. | |
| th WB, IHC-P, ELISA in Mouse, Rat. | |
| ved rat Lipocalin 2 recombinant protein (Position: Q21-N198). Rat Lipocalin 2 shares | |
| d 81.1 % amino acid (aa) sequence identity with human and mouse Lipocalin 2, | |
| ly. | |
| | |
| No cross reactivity with other proteins. | |
| | |
| polyclonal antibody for Neutrophil gelatinase-associated lipocalin(LCN2) detection. | |
| polyclonal antibody for Neutrophil gelatinase-associated lipocalin(LCN2) detection. th WB, IHC-P, ELISA in Mouse, Rat. | |
| | |
| th WB, IHC-P, ELISA in Mouse, Rat. | |
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Target Details

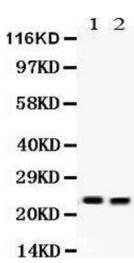
| Target: | Lipocalin 2 (LCN2) | | | |
|----------------------------------|---|--|--|--|
| Alternative Name: | LCN2 (LCN2 Products) | | | |
| Background: | Europhile gelatinase-associated lipocalin (NGAL) is a protein that in humans is encoded by the LCN2 gene. The binding of lipocalin-2 to bacterial siderophores is important in the innate immune response to bacterial infection. Upon encountering invading bacteria the toll-like receptors on immune cells stimulate the synthesis and secretion of lipocalin-2. Secreted lipocalin-2 then limits bacterial growth by sequestering iron-containing siderophores. Lipocalin-2 also functions as a growth factor. | | | |
| | Synonyms: 24p3 antibody 25 kDa alpha 2 microglobulin related subunit of MMP9 antibody 25 kDa alpha-2-microglobulin-related subunit of MMP-9 antibody Alpha 2 microglobulin related protein antibody HGNC:6526 antibody HNL antibody Lcn 2 antibody Lcn2 antibody Lipocalin-2 antibody Migration stimulating factor inhibitor antibody MSFI antibody Neutrophil gelatinase associated lipocalin antibody Neutrophil gelatinase associated lipocalin precursor antibody Neutrophil gelatinase-associated lipocalin antibody NGAL antibody NGAL_HUMAN antibody Oncogene 24p3 antibody Oncogenic lipocalin 24p3 antibody P25 antibody Siderocalin antibody siderocalin LCN2 antibody SV40 induced 24P3 protein antibody Uterocalin antibody | | | |
| Gene ID: | 170496 | | | |
| UniProt: | P30152 | | | |
| Pathways: Application Details | Cellular Response to Molecule of Bacterial Origin, Transition Metal Ion Homeostasis | | | |
| Application Notes: | WB: Concentration: 0.1 - $0.5 \mu g/mL$, Tested Species: Mouse, Predicted Species: Rat IHC-P: Concentration: 0.5 - $1 \mu g/mL$, Tested Species: Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections. ELISA: Concentration: 0.1 - $0.5 \mu g/mL$, Tested Species: Rat | | | |
| | Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested. Optimal dilutions should be determined by end users. | | | |
| Comment: | Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P). | | | |

| Application Details | | | |
|---------------------|---|--|--|
| Restrictions: | For Research Use only | | |
| Handling | | | |
| Format: | Lyophilized | | |
| Reconstitution: | Add 0.2 mL of distilled water will yield a concentration of 500 $\mu g/mL$. | | |
| Concentration: | 500 μg/mL | | |
| Buffer: | Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Sodium azide. | | |
| Preservative: | Sodium azide | | |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. | | |
| Handling Advice: | Avoid repeated freezing and thawing. | | |
| Storage: | 4 °C/-20 °C | | |
| Storage Comment: | At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing. | | |
| Publications | | | |

Product cited in:

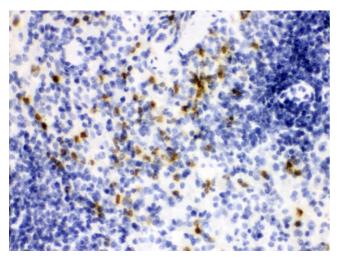
Liu, Hong, Li, Ren, Wang, Xu, Shi, Xu: "A Cross Talk Between BRG1 and Males Absent on the First Contributes to Reactive Oxygen Species Production in a Mouse Model of Nonalcoholic Steatohepatitis." in: **Antioxidants & redox signaling**, (2018) (PubMed).

Meyer, Fredette, Daniel, Sharma, Amann, Arterburn, Barton, Prossnitz: "Obligatory role for GPER in cardiovascular aging and disease." in: Science signaling, Vol. 9, Issue 452, pp. ra105, (2017) (PubMed).



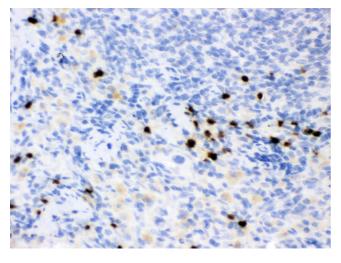
Western Blotting

Image 1. Observed bind size: 22KD



Immunohistochemistry

Image 2. Anti- Lipocalin 2 Picoband antibody, IHC(P) IHC(P): Mouse Spleen Tissue



Immunohistochemistry

Image 3. Anti- Lipocalin 2 Picoband antibody, IHC(P) IHC(P): Rat Spleen Tissue

Please check the product details page for more images. Overall 7 images are available for ABIN3043291.