

Anti-Lipocalin 2/LCN2 Biotinylated Antibody

Catalog Number: A00452-Biotin

About Lcn2

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.

Overview

| | |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name | Anti-Lipocalin 2/LCN2 Biotinylated Antibody |
| Reactive Species | Mouse |
| Description | Boster Bio Anti-Lipocalin 2/LCN2 Biotinylated Antibody catalog # A00452-Biotin. Tested in ELISA applications. This antibody reacts with Mouse. |
| Conjugate | Biotin |
| Application | ELISA |
| Clonality | Polyclonal |
| Formulation | Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ . |
| Storage Instructions | Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | P11672 |

Technical Details

| | |
|----------------------------|-----------------------------------------------------------------------------|
| Immunogen | E. coli-derived mouse Lipocalin 2 recombinant protein (Position: Q21-N200). |
| Predicted Reactive Species | Bovine |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Lyophilized |
| Concentration | Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. |
| Purification | Immunogen affinity purified. |

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

ELISA Detection (Matched Antibody Pair), 0.1-0.5ug/ml

Anti-Lipocalin 2/LCN2 Biotinylated Antibody (A00452-Biotin) Images



Boster Kit Box

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