

Polyclonal Antibody against Human Lipocalin 2

Catalog Number: 11050

Size: 100 µg

Host: Rabbit

Isotype/Preparation:

Rabbit specific IgG was purified by human LCN2 affinity chromatography

Immunogen:

Recombinant full-length human LCN2 expressed in E.coli.

Specificity:

The antibody detects human LCN2.

Formulation:

Solution in PBS

Storage:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

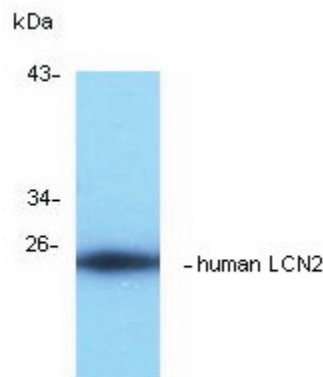
Application/Usage:

Western blot - This antibody can be used as primary antibody to detect human LCN2.

ELISA - This antibody can be used in ELISA with the appropriate secondary reagents to detect human LCN2.

Introduction

Lipocalin-2(LCN2), also known as neutrophil gelatinase-associated lipocalin (NGAL), 24p3, siderocalin, or neutrophil lipocalin (NL), is a secretory glycoprotein which is expressed in liver, lung, kidney, adipocytes, activated neutrophils, and macrophages. LCN2 appears to be upregulated in the case of inflammation and infection conditions. Several reports suggest that LCN2 may represent a sensitive biomarker for various renal injuries and somehow may be involved in the pathophysiological process of some chronic renal diseases. LCN2 is also highly expressed under high fat diet and obese background especially in adipose tissue and is closely associated with obesity, insulin resistance, and hyperglycemia in humans.



Western blot analysis of LCN2 in 1.5 µl human serum sample using anti-human LCN2 followed by goat anti-rabbit antibody.