

Lipocalin-2/NGAL Rabbit mAb

Catalog No.: A24131 **Recombinant**

Basic Information

Observed MW

23kDa

Calculated MW

23kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse

CloneNo number

ARC64874

Background

Enables iron ion binding activity. Involved in innate immune response; positive regulation of cold-induced thermogenesis; and siderophore transport. Acts upstream of or within extrinsic apoptotic signaling pathway in absence of ligand; response to bacterium; and response to virus. Located in extracellular space. Is expressed in several structures, including genitourinary system; gut; liver; lung; and spleen. Human ortholog(s) of this gene implicated in intrahepatic cholangiocarcinoma and urinary tract infection. Orthologous to human LCN2 (lipocalin 2).

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

16819

Swiss Prot

P11672

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 21-200 of mouse Lipocalin-2/NGAL (NP_032517.1).

Synonyms

24p3; AW212229; NRL; Sip24; Lipocalin-2/NGAL

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

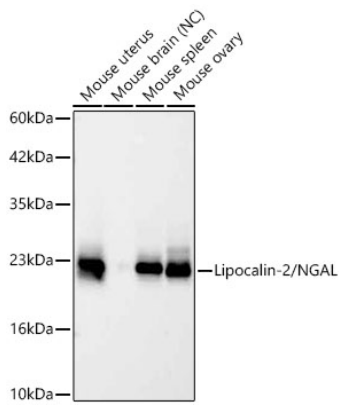
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using Lipocalin-2/NGAL Rabbit mAb (A24131) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Negative control (NC): Mouse brain.
Exposure time: 45s.