

LAMP2a polyclonal antibody

Catalog: BS90789

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Lysosome-associated membrane proteins (LAMP) are glycosylated type I membrane proteins that play a role in the biogenesis of the pigment melanin. LAMP-1 (also designated CD107A) and LAMP-2 (also designated CD107B) are involved in a variety of functions, including cellular adhesion, and are thought to participate in the process of tumor invasion and metastasis. Newly synthesized LAMP-1 and LAMP-2 proteins are sorted at the trans Golgi network and are transported intracellularly via a pathway that is distinct from the clathrin-coated vesicles used for the mannose-6 phosphate receptor. LAMP-1 is expressed on the surface of thrombin-activated but not resting platelets, and it is thought to be involved in the adhesive, prothrombic properties of these cells. Both LAMP-1 and LAMP-2 are involved in maintaining lysosome acidity and protecting the lysosomal membranes from autodigestion, and their expression is increased in patients with lysosomal storage disorders.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

120 kDa

Swiss-Prot:

P13473(Human) P17047(Mouse) P17046(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:5,000

IHC:1:50-1:200

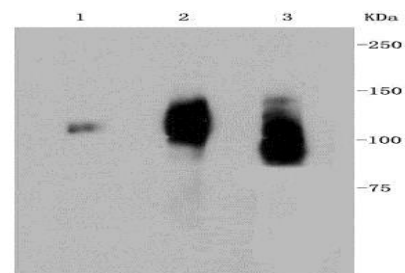
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

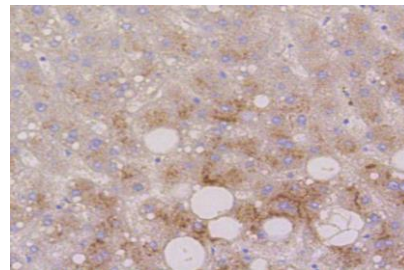
Specificity:

LAMP2a polyclonal antibody detects endogenous levels of LAMP2a protein.

DATA:



Western blot analysis of LAMP2a on different lysates using anti-LAMP2a antibody at 1/1,000 dilution. Positive control: Lane 1: Human placenta Lane 2: JAR Lane 3: Human liver



Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-LAMP2a antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

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