

CD107a/LAMP1 polyclonal antibody

Catalog: BCP00368

Host: Rabbit

Reactivity: Human

BackGround:

Lysosome-associated membrane protein 1 and 2 (LAMP1 and LAMP2) are two abundant lysosomal membrane proteins. Both are transmembrane proteins and are heavily glycosylated at the amino-terminal luminal side of the lysosomal inner leaflet, which protects the proteins from proteolysis. The carboxy terminus of LAMP1 is exposed to the cytoplasm and contains a tyrosine sorting motif that targets LAMP to lysosomal membranes. LAMP1 and LAMP2 are 37% homologous in their protein sequences. Both LAMP1 and LAMP2 are involved in regulating lysosomal motility during lysosome-phagosome fusion and cholesterol trafficking.

Product:

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

Molecular Weight:

~ 95 kDa

Swiss-Prot:

P11279

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:1000~1:2000

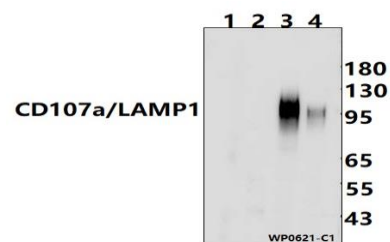
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CD107a/LAMP1 polyclonal antibody detects endogenous levels of CD107a/LAMP1 protein.

DATA:



Western blot (WB) analysis of CD107a/LAMP1 polyclonal antibody at 1:1000 dilution

Lane1:The Stomach tissue lysate of Mouse(30ug)

Lane2:The Kidney tissue lysate of Rat(30ug)

Lane3:HCT116 whole cell lysate(30ug)

Lane4:HEK293T whole cell lysate(30ug)

Note:

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