

USP14 polyclonal antibody

Catalog: BS91412

Host: Rabbit

Reactivity: Human

BackGround:

Proteasome-associated deubiquitinase which releases ubiquitin from the proteasome targeted ubiquitinated proteins. Ensures the regeneration of ubiquitin at the proteasome. Is a reversibly associated subunit of the proteasome and a large fraction of proteasome-free protein exists within the cell. Required for the degradation of the chemokine receptor CXCR4 which is critical for CXCL12-induced cell chemotaxis. Serves also as a physiological inhibitor of endoplasmic reticulum-associated degradation under the non-stressed condition by inhibiting the degradation of unfolded endoplasmic reticulum proteins via interaction with ERN1. Indispensable for synaptic development and function at neuromuscular junctions. Plays a role in the innate immune defense against viruses by stabilizing the viral DNA sensor CGAS and thus inhibiting its autophagic degradation.

Product:

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

Molecular Weight:

56 kDa

Swiss-Prot:

P54578(Human)

Purification&Purity:

Protein affinity purified.

Applications:

WB:1:500-1:1,000

FC:1:50-1:100

Storage&Stability:

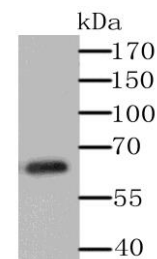
Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid

repeated freeze / thaw cycles.

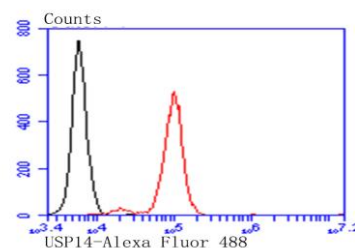
Specificity:

USP14 polyclonal antibody detects endogenous levels of USP14 protein.

DATA:



Western blot analysis of USP14 on Daudi cell lysate using anti-USP14 antibody at 1/500 dilution.



Flow cytometric analysis of SiHa cells with USP14 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody;black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

Note:

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

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