

Ubiquitin polyclonal antibody

Catalog: BS62242

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Ubiquitin (Ub) is among the most phylogenetically conserved proteins known. The primary function of ubiquitin is to clear abnormal, foreign and improperly folded proteins by targeting them for degradation by the 26S proteasome. This small, 76 amino acid protein can be covalently attached to cellular proteins via an isopeptide linkage between the carboxy terminal group of ubiquitin and lysine amino groups on the acceptor protein. For proteolysis to occur, ubiquitin oligomers must be assembled. Ubiquitin chains on proteolytic substrates are commonly found to have an isopeptide bridge between Lysine 48 of one ubiquitin molecule and the carboxy-terminus of a neighboring ubiquitin molecule.

Product:

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

Molecular Weight:

~ 25 kDa

Swiss-Prot:

P0CG47/P0CG48/P62979/P62987

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:1:500~1:1000

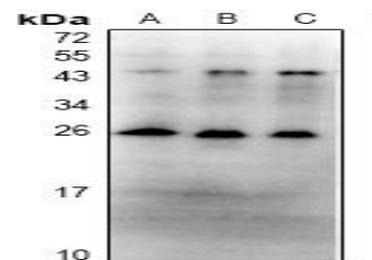
Storage&Stability:

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

Specificity:

Ubiquitin polyclonal antibody detects endogenous levels of Ubiquitin protein.

DATA:



Western blot (WB) analysis of Ubiquitin polyclonal antibody at 1:500 dilution

LaneA:Hela whole cell lysate

LaneB:LO2 whole cell lysate

LaneC:PC3 whole cell lysate

Note:

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

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