

Ubiquitin (K63-linkage Specific) polyclonal antibody

Catalog: BS91401

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 Lys 48 of one ubiquitin molecule and the carboxy-terminus of a neighboring ubiquitin molecule. Ubiquitin also plays a role in regulating signal transduction cascades through the elimination inhibitory proteins, such as I κ B- α and p27.

Product:

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

Molecular Weight:

60-100 kDa

Swiss-Prot:

P0CG47(Human) P0CG48(Human) P62979(Human)
P62987(Human) P0CG49(Mouse) P62991(Mouse)
P0CG51(Rat) P62989(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000

ICC:1:100-1:500

IHC:1:50-1:200

Storage&Stability:

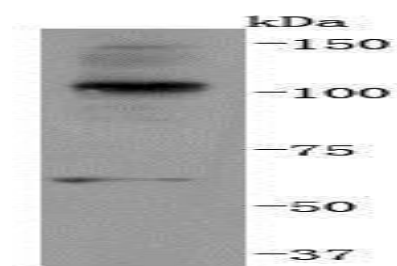
Store at +4 °C after thawing. Aliquot store at -20 °C or

-80 °C. Avoid repeated freeze / thaw cycles.

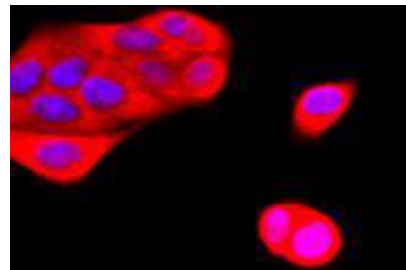
Specificity:

Ubiquitin (K63-linkage Specific) polyclonal antibody detects endogenous levels of Ubiquitin (K63-linkage Specific) protein.

DATA:



Western blot analysis of K63-linkage Specific Ubiquitin on HeLa cells lysates using anti-K63-linkage Specific Ubiquitin antibody at 1/1,000 dilution.



ICC staining K63-linkage Specific Ubiquitin in HeLa cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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