VCP polyclonal antibody

Catalog: BS91426 Host: Rabbit Reactivity: Human, Mouse, Rat, Zebrafish

BackGround:

Valosin containing protein (VCP), also designated TERA (for transitional endoplasmic reticulum ATPase) or p97, is a member of the AAA family of ATPases, which are involved in a variety of cellular activities. VCP is the mammalian homolog of Saccharomyces cerevisiae Cdc48, a protein essential for the completion of mitiosis in yeast. VCP is thought to be involved in a variety of membrane functions and in the regulation of the cell cycle. It associates with ubiquitinated IκB-α as well as with the 26S Proteosome, indicating a potential role for VCP in the proteosome-mediated degradation of IκB-α.

Product:

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

Molecular Weight:

89 kDa

Swiss-Prot:

P55072(Human) Q01853(Mouse) P46462(Rat)

Purification&Purity:

ProA affinity purified

Applications:

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

ICC:1:50-1:200

IHC:1:50-1:200

FC:1:50-1:100

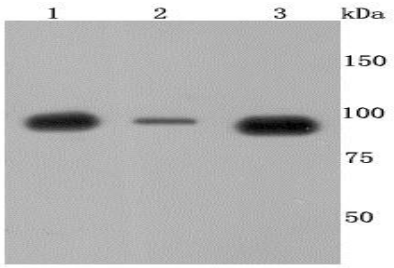
Storage&Stability:

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

Specificity:

VCP polyclonal antibody detects endogenous levels of VCP protein.

DATA:

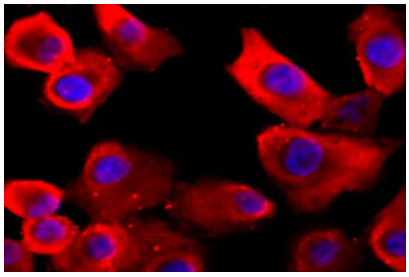


Western blot analysis of VCP on different cells lysates using anti-VCP antibody at 1/500 dilution. Positive control:

Line 1: SH-SY5Y

Line 2: HepG2

Line 3: Hela



ICC staining VCP in A549 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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