

USP37 polyclonal antibody

Catalog: BS61473

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The ubiquitin (Ub) pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub and Ub-like molecules to specific protein substrates. Through the use of a wide range of enzymes that can add or remove ubiquitin, the Ub pathway controls many intracellular processes such as signal transduction, transcriptional activation and cell cycle progression. USP37 (ubiquitin specific peptidase 37) is a 979 amino acid protein that contains three UIM (ubiquitin-interacting motif) repeats and belongs to the peptidase C19 family. Expressed in prostate and brain tissue, USP37 functions to catalyze the conversion of a ubiquitin C-terminal thioester to a free ubiquitin and a thiol. The gene encoding USP37 maps to human chromosome 2, which houses over 1,400 genes and comprises nearly 8% of the human genome.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 110 kDa

Swiss-Prot:

Q86T82

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:

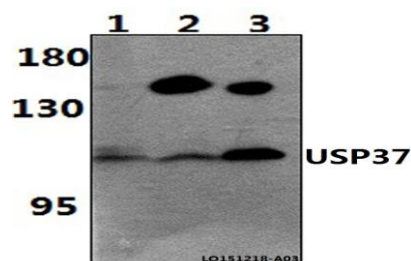
WB: 1:500~1:1000

Storage&Stability:

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

Specificity:

USP37 polyclonal antibody detects endogenous levels of USP37 protein.

DATA:

Western blot (WB) analysis of USP37 polyclonal antibody at 1:500 dilution

Lane1: The Brain tissue lysate of Rat (30ug)

Lane2: The Brain tissue lysate of Mouse (30ug)

Lane3: HeLa whole cell lysate (40ug)

Note:

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

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