

## USP42 (K290) polyclonal antibody

Catalog: BS3406

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

USP42 (ubiquitin specific peptidase 42) is a 1,325 amino acid protein that belongs to the peptidase C19 family. Expressed in a variety of tissues, USP42 functions to catalyze the conversion of a ubiquitin C-terminal thioester to a free ubiquitin and a thiol. The gene encoding USP42 maps to human chromosome 7, which houses over 1,000 genes and comprises nearly 5% of the human genome. Defects in some of the genes localized to chromosome 7 have been linked to Osteogenesis imperfecta, Williams-Beuren syndrome, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 150 kDa

### Swiss-Prot:

Q9H9J4

### 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

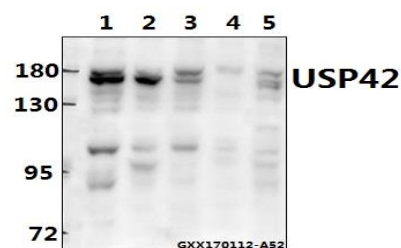
### Storage&Stability:

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

### Specificity:

USP42 (K290) polyclonal antibody detects endogenous levels of USP42 protein.

### DATA:



Western blot (WB) analysis of USP42 (K290) polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:PC3 whole cell lysate(40ug)

Lane3:SGC7901 whole cell lysate(40ug)

Lane4:CT26 whole cell lysate(40ug)

Lane5:PC12 whole cell lysate(40ug)

### Note:

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

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