

## USP30 polyclonal antibody

Catalog: BS65002

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. USP30 (ubiquitin specific peptidase 30) is a 517 amino acid protein that localizes to the mitochondrion and belongs to the ubiquitin-specific protease family.

Expressed in pancreas, kidney, liver and skeletal muscle, USP30 functions to catalyze the conversion of a ubiquitin C-terminal thioester to a free ubiquitin and a thiol. The gene encoding USP30 maps to human chromosome 12q24.11, which encodes over 1,100 genes and comprises approximately 4.5% of the human genome.

### Product:

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

### Molecular Weight:

~ 60kDa

### Swiss-Prot:

Q70CQ3

### 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

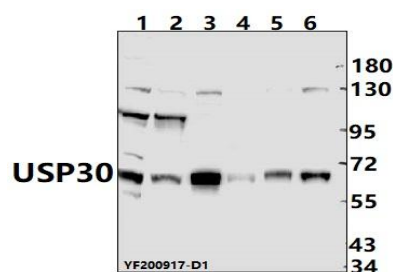
### Storage&Stability:

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

### Specificity:

USP30 polyclonal antibody detects endogenous levels of USP30 protein.

### DATA:



Western blot (WB) analysis of USP30 polyclonal antibody at 1:500 dilution

Lane1:Aml-12 whole cell lysate(40ug)

Lane2:H9C2 whole cell lysate(40ug)

Lane3:HEK293T whole cell lysate(20ug)

Lane4:The muscle tissue lysate of mouse(40ug)

Lane5:Panc1 whole cell lysate(20ug)

Lane6:HepG2 whole cell lysate(20ug)

### Note:

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

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