

## USP7 polyclonal antibody

Catalog: BS7229

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

Ubiquitinating enzymes (UBEs) catalyze protein ubiquitination, a reversible process countered by deubiquitinating enzyme (DUB) action. Five DUB subfamilies are recognized, including the USP, UCH, OTU, MJD and JAMM enzymes. Herpesvirus-associated ubiquitin-specific protease (HAUSP, USP7) is an important deubiquitinase belonging to USP subfamily. A key HAUSP function is to bind and deubiquitinate the p53 transcription factor and an associated regulator protein Mdm2, thereby stabilizing both proteins. In addition to regulating essential components of the p53 pathway, HAUSP also modifies other ubiquitinated proteins such as members of the FoxO family of forkhead transcription factors and the mitotic stress checkpoint protein CHFR.

### Product:

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

### Molecular Weight:

~ 135 kDa

### Swiss-Prot:

Q93009

### 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: 1:500~1:2000

IHC/IF: 1:50~1:200

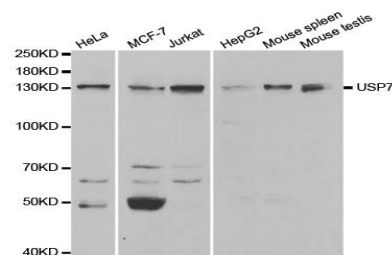
### Storage&Stability:

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

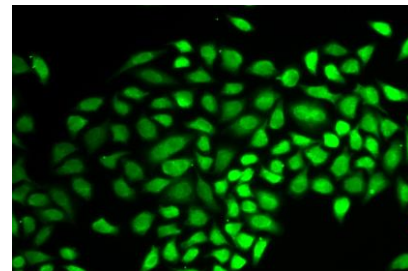
### Specificity:

USP7 polyclonal antibody detects endogenous levels of USP7 protein.

### DATA:



Western blot analysis of USP7 polyclonal antibody



Immunofluorescence analysis of HeLa cells, using USP7 polyclonal antibody

### Note:

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

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