

USP7 polyclonal antibody

Catalog: BS91418

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

HAUSP (herpesvirus-associated ubiquitin-specific protease, USP7) is a ubiquitin-specific protease. HAUSP localizes predominantly to the nucleus, in a TD-dependent manner, where it associates with ND10. ND10 are small nuclear structures implicated in a variety of cellular processes including response to stress and interferons, oncogenesis, and viral infection. HAUSP binds strongly to Vmw110, a herpesvirus regulatory protein which has the ability to disrupt ND10. HAUSP, a novel p53-interacting protein, functions to deubiquitinate p53 in an important pathway for p53 stabilization. HAUSP strongly stabilizes p53 even in the presence of excess Mdm2, and also induces p53-dependent cell growth repression and apoptosis. The HAUSP protein is distributed in the nucleus in a micropunctate pattern with a limited number of larger discrete foci, some of which co-localize with PML in ND10. The gene encoding HAUSP maps to human chromosome band 16p13.2.

Product:

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

Molecular Weight:

128 kDa

Swiss-Prot:

Q93009(Human) Q6A4J8(Mouse) Q4VSI4(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:1,000

IHC:1:50

FC:1:50-1:100

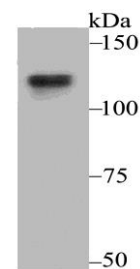
Storage&Stability:

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

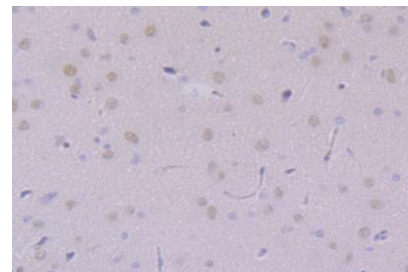
Specificity:

USP7 polyclonal antibody detects endogenous levels of USP7 protein.

DATA:



Western blot analysis of USP7 on 293T cell using anti-USP7 antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-USP7 antibody. Counter stained with hematoxylin.

Note:

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

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