

兔抗 USP7 多克隆抗体

中文名称：兔抗 USP7 多克隆抗体

英文名称：Anti-USP7 rabbit polyclonal antibody

别名：TEF1; HAUSP

相关类别：一抗

储存：冷冻（-20℃）

抗原：USP7

宿主：Rabbit

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

Hydrolase that deubiquitinates target proteins such as FOXO4, p53/TP53, MDM2, ERCC 6, DNMT1, UHRF1, PTEN and DAXX. Together with DAXX, prevents MDM2 self-ubiquitination and enhances the E3 ligase activity of MDM2 towards p53/TP53, thereby promoting p53/TP53 ubiquitination and proteasomal degradation. Deubiquitinates p53/TP53 and MDM2 and strongly stabilizes p53/TP53 even in the presence of excess MDM2, and also induces p53/TP53-dependent cell growth repression and apoptosis. Deubiquitination of FOXO4 in presence of hydrogen peroxide is not dependent on p53/TP53 and inhibits FOXO4-induced transcriptional activity. In association with DAXX, is involved

in the deubiquitination and translocation of PTEN from the nucleus to the cytoplasm, both processes that are counteracted by PML. Involved in cell proliferation during early embryonic development. Involved in transcription-coupled nucleotide excision repair (TC-NER) in response to UV damage: recruited to DNA damage sites following interaction with KIAA1530/UVSSA and promotes deubiquitination of ERCC6, preventing UV-induced degradation of ERCC6. Contributes to the overall stabilization and trans-activation capability of the herpesvirus 1 trans-acting transcriptional protein ICP0/VMW110 during HSV-1 infection. Involved in maintenance of DNA methylation via its interaction with UHRF1 and DNMT1: acts by mediating deubiquitination of UHRF1 and DNMT1, preventing their degradation and promoting DNA methylation by DNMT1. Exhibits a preference towards 'Lys-48'-linked Ubiquitin chains.

Applications:	ELISA, IHC
Name of antibody:	USP7
Immunogen:	Synthetic peptide of human USP7
Full name:	ubiquitin specific peptidase 7 (herpes virus-associated)
Synonyms :	TEF1; HAUSP
SwissProt:	Q93009
ELISA Recommended dilution:	2000-5000
IHC positive control:	Human esophagus cancer
IHC Recommend dilution:	25-100

