

Product datasheet for **TA327340**

USP7 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 1:500 - 1:2000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human USP7
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ubiquitin specific peptidase 7 (herpes virus-associated)
Database Link:	NP_003461 Entrez Gene 252870 Mouse Entrez Gene 7874 Human Q93009

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 ubiquitylated proteins such as members of the FoxO family of forkhead transcription factors and the mitotic stress checkpoint protein CHFR.

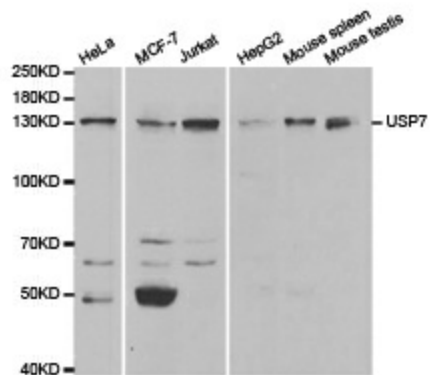


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Synonyms: HAUSP; TEF1

Protein Families: Druggable Genome, Protease

Product images:



Western blot analysis of extracts of various cell lines, using USP7 antibody.