

Product datasheet for **TA383162**

USP37 Rabbit Polyclonal Antibody

Product data:

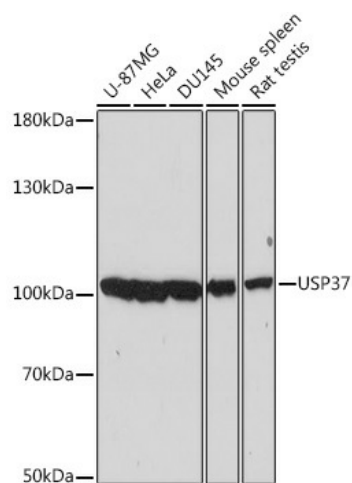
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB,1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 150-250 of human USP37 (NP_065986.2).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	99kDa/110kDa
Gene Name:	ubiquitin specific peptidase 37
Database Link:	Entrez Gene 57695 Human Q86T82
Background:	Deubiquitinase that antagonizes the anaphase-promoting complex (APC/C during G1/S transition by mediating deubiquitination of cyclin-A (CCNA1 and CCNA2, thereby promoting S phase entry. Specifically mediates deubiquitination of 'Lys-11'-linked polyubiquitin chains, a specific ubiquitin-linkage type mediated by the APC/C complex. Also mediates deubiquitination of 'Lys-48'-linked polyubiquitin chains in vitro. Phosphorylation at Ser-628 during G1/S phase maximizes the deubiquitinase activity, leading to prevent degradation of cyclin-A (CCNA1 and CCNA2. Plays an important role in the regulation of DNA replication by stabilizing the licensing factor CDT1.



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Synonyms: KIAA1594; MGC117261; OTTHUMP00000207153; OTTHUMP00000207154; tmp_locus_50

Product images:



Western blot analysis of extracts of various cell lines, using USP37 antibody (TA383162) at 1:2000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 30s.