

Product datasheet for **TA357580**

Usp10 Rabbit Polyclonal Antibody

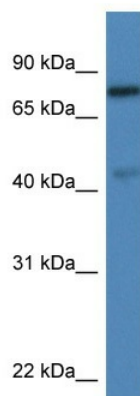
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish Homology: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	87kDa
Gene Name:	ubiquitin specific peptidase 10
Database Link:	NP_001029318 Entrez Gene 307905 Rat Q3KR59
Background:	Usp10 is a hydrolase that can remove conjugated ubiquitin from target proteins such as p53/TP53, SNX3 and CFTR. It acts as an essential regulator of p53/TP53 stability: in unstressed cells, specifically deubiquitinates p53/TP53 in the cytoplasm, leading to counteract MDM2 action and stabilize p53/TP53. Following DNA damage, translocates to the nucleus and deubiquitinates p53/TP53, leading to regulate the p53/TP53-dependent DNA damage response. Usp10 does not deubiquitinate MDM2 and deubiquitinates CFTR in early endosomes, enhancing its endocytic recycling.



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Synonyms: KIAA0190; MGC2621; UBPO; USP32

Product images:

WB Suggested Anti-Usp10 Antibody
Titration: 1.0 ug/ml
Positive Control: Rat Lung