

## Datasheet for ABIN929190 **anti-USP10 antibody (C-Term)**



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	USP10
Binding Specificity:	C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP10 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	Usp10 antibody was raised in rabbit using the C terminal of Usp10 as the immunogen
Cross-Reactivity:	Rat (Rattus)
Purification:	Purified

#### Target Details

Target:	USP10
Alternative Name:	Usp10 ( <a href="#">USP10 Products</a> )
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

## Target Details

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. Synonyms: Polyclonal Usp10 antibody, Anti-Usp10 antibody, ubiquitin specific peptidase 10 antibody, MGC124997 antibody.

## Application Details

Application Notes:	Optimal conditions should be determined by the investigator.
Comment:	Usp10 Blocking Peptide, catalog no. 33R-7850, is also available for use as a blocking control in assays to test for specificity of this Usp10 antibody
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 $\mu$ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

## Images



### Western Blotting

**Image 1.** Western Blot showing Usp10 antibody used at a concentration of 1.0  $\mu$ g/ml against Rat Lung Lysate