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## Datasheet for ABIN7452141 **anti-USP20 antibody (AA 863-913)**

### Overview

Quantity:	100 µg
Target:	USP20
Binding Specificity:	AA 863-913
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP20 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Purpose:	Rabbit anti-USP20/VDU2 Antibody, Affinity Purified
Immunogen:	between AA 863 and 913
Isotype:	IgG
Purification:	Affinity Purified

### Target Details

Target:	USP20
Alternative Name:	USP20/VDU2 ( <a href="#">USP20 Products</a> )
Background:	Background: The conjugation of ubiquitin to proteins is an important means to regulate protein activity for many cellular processes by tagging them for degradation. Removal of Ub can rescue

## Target Details

proteins from degradation. This is accomplished by the ubiquitin-specific processing protease (UBP) family of enzymes. Ubiquitin specific peptidase 20 (USP20) is a UBP and is also called von-Hippel-Lindau protein (pVHL) interacting deubiquitinating enzyme 2 (VDU2). pVHL is an E3 ubiquitin-ligase that ubiquitinates hypoxia-inducible factor (HIF)-1alpha. USP20/VDU2 functions to specifically deubiquitinate HIF-1alpha to increase expression of HIF-1alpha regulated genes.

Gene ID: 10868

NCBI Accession: [NP\\_006667](#)

UniProt: [Q9Y2K6](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

## Application Details

Application Notes: IP: 2 - 5 µg/mg lysate  
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months