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Datasheet for ABIN7174259  
**anti-USP14 antibody (C-Term) (Biotin)**

### Overview

Quantity:	100 µg
Target:	USP14
Binding Specificity:	AA 1-494, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USP14 antibody is conjugated to Biotin
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Ubiquitin carboxyl-terminal hydrolase 14 protein (1-494AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	USP14
Alternative Name:	USP14 ( <a href="#">USP14 Products</a> )
Background:	Background: Proteasome-associated deubiquitinase which releases ubiquitin from the proteasome targeted ubiquitinated proteins. Ensures the regeneration of ubiquitin at the

## Target Details

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proteasome. Is a reversibly associated subunit of the proteasome and a large fraction of proteasome-free protein exists within the cell. Required for the degradation of the chemokine receptor CXCR4 which is critical for CXCL12-induced cell chemotaxis. Serves also as a physiological inhibitor of endoplasmic reticulum-associated degradation (ERAD) under the non-stressed condition by inhibiting the degradation of unfolded endoplasmic reticulum proteins via interaction with ERN1. Indispensable for synaptic development and function at neuromuscular junctions (NMJs).

Aliases: Deubiquitinating enzyme 14 antibody, TGT antibody, tRNA guanine transglycosylase 60 kD subunit antibody, tRNA guanine transglycosylase antibody, Ubiquitin carboxyl terminal hydrolase 14 antibody, Ubiquitin carboxyl-terminal hydrolase 14 antibody, Ubiquitin specific peptidase 14 antibody, Ubiquitin specific processing protease 14 antibody, Ubiquitin specific protease 14 antibody, Ubiquitin thiolesterase 14 antibody, Ubiquitin-specific-processing protease 14 antibody, UBP14\_HUMAN antibody, USP 14 antibody, USP14 antibody

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UniProt: [P54578](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.