.-online.com antibodies

Datasheet for ABIN7271143 anti-USP14 antibody

2 Images



Overview

Quantity:	100 µL
Target:	USP14
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This USP14 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	USP14 Rabbit mAb
Immunogen:	A synthesized peptide derived from human USP14
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	USP14
Alternative Name:	USP14 (USP14 Products)
Background:	This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7271143 | 04/24/2024 | Copyright antibodies-online. All rights reserved.

Target Details

that is a deubiquitinating enzyme (DUB) with His and Cys domains. This protein is located in the
cytoplasm and cleaves the ubiquitin moiety from ubiquitin-fused precursors and ubiquitinylated
proteins. Mice with a mutation that results in reduced expression of the ortholog of this protein
are retarded for growth, develop severe tremors by 2 to 3 weeks of age followed by hindlimb
paralysis and death by 6 to 10 weeks of age. Alternate transcriptional splice variants, encoding
different isoforms, have been characterized. [provided by RefSeq, Jul 2008],TGT,Cell Biology &
Developmental Biology, Epigenetics & Nuclear Signaling, Ubiquitin, USP14

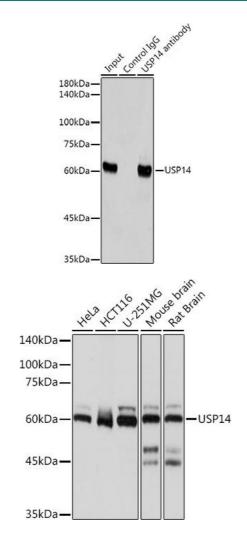
Molecular Weight:	56kDa
Gene ID:	9097
UniProt:	P54578

Application Details

Application Notes:	WB,1:500 - 1:2000,IP,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunoprecipitation

Image 1. Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg USP14 antibody (ABIN7271143). Western blot was performed from the immunoprecipitate using USP14 antibody (ABIN7271143) at a dilition of 1:2000.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using USP14 Rabbit mAb (ABIN7271143) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN7271143 | 04/24/2024 | Copyright antibodies-online. All rights reserved.