ANTIBODIES ONLINE

Datasheet for ABIN388843 anti-UBE2D1 antibody (C-Term)

3 Images



Overview

000101000	
Quantity:	400 µL
Target:	UBE2D1
Binding Specificity:	AA 111-140, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2D1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This UBE2D1 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 111-140 amino acids from the C-terminal region of human UBE2D1.
Clone:	RB04139
lsotype:	Ig Fraction
Predicted Reactivity:	B, M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Target Details	

 Target Details

 Target:
 UBE2D1

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 ABIN388843 | 07/26/2024 | Copyright antibodies-online. All rights reserved.

Alterative Name:UBE201 [UBE201 Products]Background.The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. UBE201 is a member of the E2 ubiquitin-conjugating enzymes protein p53 and the hypoxie-inducible transcription factor HIF1alpha by interacting with the E1 ubiquitin-activating enzyme and the E3 ubiquitin-protein ligases.Molecular Weight:6602Gene ID:7221NCBI Accession:NP 00329UriProt:P51668Pathways:Activation of Innate immune Response, TolFLike Receptors CascadesApplication Notes:WB 1:1000. HIC-P: 1:50~100. HIC-P: 1:100PathodingFor Research Use onlyHandlingSolum azidePreservative:Solum azidePreservative:Solum azidePreservative:Solum azidePreservative:Hanged contains Socium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.Storage:4*C.20*CStorage Comment:Maintain refrigerated at 2:8 *C for up to 6 months. For long term storage store at -20*C in 5 monthsEpily Date:6 months	Target Details	
abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-protein ligases, or E3s. UBE2D1 is a member of the E2 ubiquitin-conjugating enzyme. family. This enzyme is closely related to a stimulator of iron transport (SFT), and is up-regulated in hereditary hemochromatosis. It also functions in the ubiquitination of the tumor-suppressor protein p53 and the hypoxia-inducible transcription factor HIFTalpha by interacting with the E1 ubiquitin-activating enzyme and the E3 ubiquitin-protein ligases. Molecular Weight: 16602 Gene ID: 7321 NCBI Accession: NP_003329 UniProt: P51668 Pathways: Activation of Innate immune Response, ToII-Like Receptors Cascades Application Details For Research Use only Handling For Research Use only Handling Liquid Preceution of Use This product contains Sodium azide: a POISONUUS AND HAZARDOUS SUBSTANCE which ahould be handled by trained staff only. Storage: 4 "0,-20 "C Storage Comment: Maintain refrigerated at 2-8 "C for up to 6 months. For long term storage store at -20 "C in small alguots to prevent freeze thaw cycles.	Alternative Name:	UBE2D1 (UBE2D1 Products)
Gene ID:7321NCBI Accession:NP_003329UniProt:P51668Pathways:Activation of Innate immune Response, Toll-Like Receptors CascadesApplication DetailsWB: 1:1000. IHC-P: 1:50~100. IHC-P: 1:100Restrictions:WB: 1:1000. IHC-P: 1:50~100. IHC-P: 1:100Restrictions:For Research Use onlyHandlingUilied polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.Preservative:Sodium azidePreservative:Sodium azidePrecaution of Use:This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.Storage:4 °C, 20 °CStorage Comment:Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliguots to prevent freeze-thaw cycles.	Background:	abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. UBE2D1 is a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is closely related to a stimulator of iron transport (SFT), and is up-regulated in hereditary hemochromatosis. It also functions in the ubiquitination of the tumor-suppressor protein p53 and the hypoxia-inducible transcription factor HIF1alpha by interacting with the E1
NCBI Accession:NP_003329UniProt:P51668Pathways:Activation of Innate immune Response, Toll-Like Receptors CascadesApplication DetailsApplication Notes:WB: 1:1000. IHC-P: 1:50~100. IHC-P: 1:100Restrictions:For Research Use onlyHandlingFormat:LiquidBuffer:Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.Preservative:Sodium azidePrecaution of Use:This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.Storage:4 °C,-20 °CStorage Comment:Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	Molecular Weight:	16602
UniProt:P51668Pathways:Activation of Innate immune Response, Toll-Like Receptors CascadesApplication DetailsApplication Notes:WB: 1:1000. IHC-P: 1:50~100. IHC-P: 1:100Restrictions:For Research Use onlyHandlingFormat:LiquidBuffer:Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.Preservative:Sodium azidePreservative:Sodium azideStorage:4 °C, 20 °CStorage Comment:Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	Gene ID:	7321
Pathways: Activation of Innate immune Response, ToII-Like Receptors Cascades Application Details X Application Notes: WB: 1:1000. IHC-P: 1:50~100. IHC-P: 1:100 Restrictions: For Research Use only Handling Vialual diagonal diagona	NCBI Accession:	NP_003329
Application Details Application Notes: WB: 1:1000. IHC-P: 1:50~100. IHC-P: 1:100 Restrictions: For Research Use only Handling Iuquid Format: Liquid Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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, 20 °C Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	UniProt:	P51668
Application Notes: WB: 1:1000. IHC-P: 1:50~100. IHC-P: 1:100 Restrictions: For Research Use only Handling Iquid Format: Liquid Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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,-20 °C Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	Pathways:	Activation of Innate immune Response, Toll-Like Receptors Cascades
Restrictions: For Research Use only Handling	Application Details	
HandlingFormat:LiquidBuffer:Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.Preservative:Sodium azidePrecaution of Use:This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.Storage:4 °C,-20 °CStorage Comment:Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	Application Notes:	WB: 1:1000. IHC-P: 1:50~100. IHC-P: 1:100
Format:LiquidBuffer:Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.Preservative:Sodium azidePrecaution of Use:This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.Storage:4 °C,-20 °CStorage Comment:Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	Restrictions:	For Research Use only
Buffer:Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.Preservative:Sodium azidePrecaution of Use:This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.Storage:4 °C,-20 °CStorage Comment:Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	Handling	
Preservative:Sodium azidePrecaution of Use:This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.Storage:4 °C,-20 °CStorage Comment:Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	Format:	Liquid
Precaution of Use:This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.Storage:4 °C,-20 °CStorage Comment:Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
should be handled by trained staff only.Storage:4 °C,-20 °CStorage Comment:Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	Preservative:	Sodium azide
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	Precaution of Use:	
aliquots to prevent freeze-thaw cycles.	Storage:	4 °C,-20 °C
Expiry Date: 6 months	Storage Comment:	
	Expiry Date:	6 months

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 2/3 | Product datasheet for ABIN388843 | 07/26/2024 | Copyright antibodies-online. All rights reserved.







Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffinembedded H. liver section using UBE2D1 Antibody (C-term) (ABIN388843 and ABIN2839149). (ABIN388843 and ABIN2839149) was diluted at 1:100 dilution. A peroxidaseconjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

Western Blotting

Image 2. Western blot analysis of lysates from A431, HepG2 cell line, human skeletal muscle and mouse thymus tissue lysate(from left to right), using hUBE2D1- B. B was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

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 ABIN388843 | 07/26/2024 | Copyright antibodies-online. All rights reserved.