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anti-UBE2D1 antibody

4 Images



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Overview

Quantity:	200 μL
Target:	UBE2D1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBE2D1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein of human UBE2D1 (NP_003329.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	UBE2D1
Alternative Name:	UBE2D1 (UBE2D1 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. This gene encodes a member of the E2 ubiquitin-conjugating

Target Details

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 ubiquitin-activating enzyme and the E3 ubiquitin-protein ligases. Two transcript
variants encoding different isoforms have been found for this gene.

Molecular Weight:

Observed_MW: 14 kDa

Calculated_MW: 16 kDa

Gene ID:

7321

UniProt:

P51668

Pathways:

Activation of Innate immune Response, Toll-Like Receptors Cascades

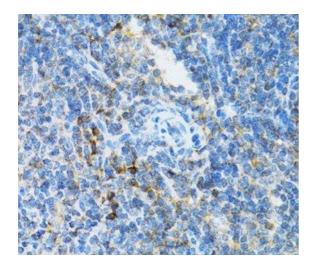
Application Details

Application Notes: WB 1:500-1:2000 IHC 1:50-1:200

Restrictions: For Research Use only

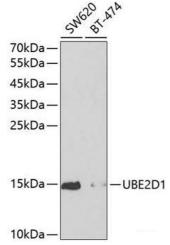
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 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.



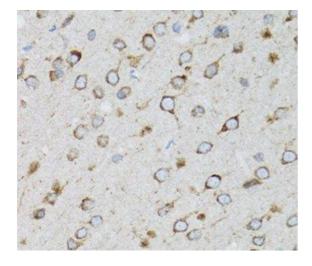
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Mouse spleen using UBE2D1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using UBE2D1 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Rat brain using UBE2D1 Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the product details page for more images. Overall 4 images are available for ABIN7259985.