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Datasheet for ABIN2854664 anti-DDB1 antibody (C-Term)

8 Images

1 Publication



Overview

Quantity:	100 µL
Target:	DDB1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human DDB1. The exact sequence is proprietary.
lsotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to DDB1 (damage-specific DNA binding protein 1, 127 kDa) DDB1 antibody [C3], C-term
Purification:	Purified by antigen-affinity chromatography.
Grade:	KO Validated

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Target Details

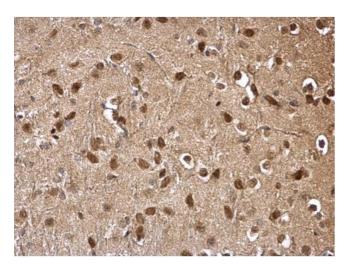
Target:	DDB1	
Alternative Name:	damage specific DNA binding protein 1 (DDB1 Products)	
Background:	This gene encodes the large subunit of DNA damage-binding protein which is a heterodimer composed of a large and a small subunit. This protein functions in nucleotide-excision repair. Its defective activity causes the repair defect in the patients with xeroderma pigmentosum complementation group E (XPE). However, it remains for mutation analysis to demonstrate whether the defect in XPE patients is in this gene or the gene encoding the small subunit. In addition, Best vitelliform mascular dystrophy is mapped to the same region as this gene on 11q but no sequence alternations of this gene are demonstrated in Best disease patients.	
	Cellular Localization: Cytoplasm , Nucleus	
Molecular Weight:	127 kDa	
Gene ID:	1642	
UniProt:	Q16531	
Pathways:	DNA Damage Repair	
Application Details		
Application Notes:	WB: 1:500-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentration should be determined by the researcher. Not tested in other applications.	
Comment:	Positive Control: A549 , H1299 , HCT116 , MCF-7 , Neuro2A , GL261 , C8D30 , PC-12 , 293T Validation: KO/KD	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE	

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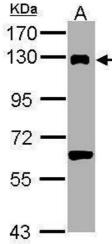
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Publications	
Product cited in:	Rodriguez-Gil, Hu, Greer: "Dishevelled proteins are associated with olfactory sensory neuron presynaptic terminals." in: PLoS ONE , Vol. 8, Issue 2, pp. e56561, (2013) (PubMed).

Validation report #104437 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



Immunohistochemistry

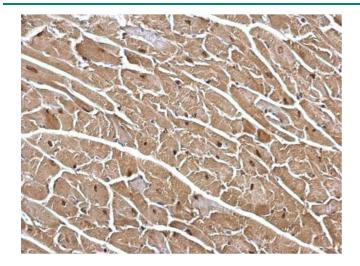
Image 1. IHC-P Image DDB1 antibody [C3], C-term detects DDB1 protein at cytosol and nucleus on mouse hind brain by immunohistochemical analysis. Sample: Paraffin-embedded mouse hind brain. DDB1 antibody [C3], C-term , dilution: 1:500.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: PC-12 7.5% SDS PAGE antibody diluted at 1:1000

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Immunohistochemistry

Image 3. IHC-P Image DDB1 antibody [C3], C-term detects DDB1 protein at cytosol and nucleus on mouse heart by immunohistochemical analysis. Sample: Paraffin-embedded mouse heart. DDB1 antibody [C3], C-term , dilution: 1:500.

Please check the product details page for more images. Overall 8 images are available for ABIN2854664.

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