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Datasheet for ABIN7237955 anti-DDB1 antibody

Image



#### Overview

Quantity:	200 µL
Target:	DDB1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	Synthetic peptide of human DDB1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

### Target Details

Target:	DDB1
Alternative Name:	DDB1 (DDB1 Products)
Background:	The protein encoded by this gene is the large subunit (p127) of the heterodimeric DNA damage- binding (DDB) complex while another protein (p48) forms the small subunit. This protein complex functions in nucleotide-excision repair and binds to DNA following UV damage.
	Defective activity of this complex causes the repair defect in patients with xeroderma

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## Target Details

pigmentosum complementation group E (XPE) - an autosomal recessive disorder characterized
by photosensitivity and early onset of carcinomas. 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. The protein encoded by this gene also functions as an adaptor molecule for the cullin
4 (CUL4) ubiquitin E3 ligase complex by facilitating the binding of substrates to this complex
and the ubiquitination of proteins.

Molecular Weight:	127 kDa
NCBI Accession:	NP_001914
UniProt:	Q16531
Pathways:	DNA Damage Repair

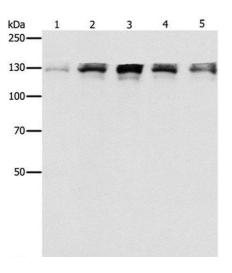
### Application Details

Application Notes:	WB 1:200-1:500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.3 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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.

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#### Western Blotting

**Image 1.** Western Blot analysis of Human fetal small intestine, liver cancer and Lymphoma Lymphoma, 293T and A549 cell using DDB1 Polyclonal Antibody at dilution of 1:500

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