# antibodies - online.com







# anti-DDB2 antibody (C-Term)

**Images** 



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Quantity:	100 μL
Target:	DDB2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Horse, Rabbit, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDB2 antibody is un-conjugated
Application:	Western Blotting (WB)

# **Product Details**

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human DDB2
Sequence:	IVVGRYPDPN FKSCTPYELR TIDVFDGNSG KMMCQLYDPE SSGISSLNEF
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 79%, Rabbit: 93%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against DDB2. It was validated on Western Blot.
	The local tabble polybrothal antibody against 5552. It was validated on vicotem blot.

# Target Details

Target:	DDB2
Alternative Name:	DDB2 (DDB2 Products)

#### **Target Details**

Background:
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This gene encodes a protein that is necessary for the repair of ultraviolet light-damaged DNA. This protein is the smaller subunit of a heterodimeric protein complex that participates in nucleotide excision repair, and this complex mediates the ubiquitylation of histones H3 and H4, which facilitates the cellular response to DNA damage. This subunit appears to be required for DNA binding. Mutations in this gene cause xeroderma pigmentosum complementation group E, a recessive disease that is characterized by an increased sensitivity to UV light and a high predisposition for skin cancer development, in some cases accompanied by neurological abnormalities.

Alias Symbols: DDBB, FLJ34321, UV-DDB2

Protein Interaction Partner: CUL4A, CUL4B, XPC, PARP1, UBC, SUM01, SMEK1, COPG1, POP1, PSMB4, PSMB1, PSMA5, SEPT2, ARCN1, SUM02, DDB1, USP24, USP53, RFWD2, COPS4, COPS6, COPS2, COPS3, XPA, TOP1, GRK5, EP300, COPS7A, COPS5, COPS8, RBX1, GPS1, E2F1,

DDB2, CUL5, NEDD8, DCLRE1C, vpr, ERC

Protein Size: 427

Molecular Weight:	48 kDa
Gene ID:	1643
NCBI Accession:	NM_000107, NP_000098
UniProt:	Q92466
Pathways:	DNA Damage Repair

# **Application Details**

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 427 AA
Restrictions:	For Research Use only

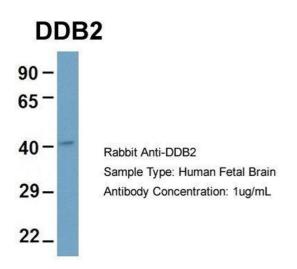
#### Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

# Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

# **Images**

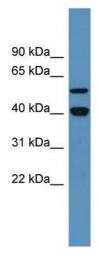


# **Western Blotting**

Image 1. Host: Rabbit
Target Name: DDB2

Sample Tissue: Human Fetal Brain

Antibody Dilution: 1.0 µg/mL



# **Western Blotting**

Image 2.