

## DDB1 Antibody (YA785)

Cat. No.:	HY-P80641
Synonyms:	DDB1 Antibody (YA785) is a non-conjugated and Mouse originated monoclonal antibody about 127 kDa, targeting to DDB1 (2D6). It can be used for WB assays with tag free, in the background of Human, Mouse, Rat, Monkey.
Host:	Mouse
Reactivity:	Human, Mouse, Rat, Monkey
Conjugation:	Non-conjugated
SwissProt ID:	Q16531
Research Field:	Epigenetics and Nuclear Signaling
Molecular Weight:	Predicted band size: 127 kDa

### PROPERTIES

Formulation	Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide.					
Purity	affinity purified					
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.					
Appearance	Liquid					
Application & Dilution Ratio	<table> <thead> <tr> <th>Application</th> <th>Dilution Ratio</th> </tr> </thead> <tbody> <tr> <td>WB</td> <td>1:500-1:1,000</td> </tr> </tbody> </table>	Application	Dilution Ratio	WB	1:500-1:1,000	
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WB	1:500-1:1,000					
Shipping	Shipping with blue ice.					

### DESCRIPTION

Background	<p>DDB1 (2D6): 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 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 macular 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. [provided by RefSeq, May 2012]</p>
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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