



## Rabbit Anti-DDB1 antibody

SL2588R

<b>Product Name:</b>	DDB1
<b>Chinese Name:</b>	DNA损伤Binding protein1抗体
<b>Alias:</b>	DNA damage-binding protein 1; DDB1; DDB-1; ;Damage specific DNA binding protein 1; DDB 1; DDB p127 subunit; DDBa; DNA damage binding protein 1; UV damaged DNA binding factor; UV damaged DNA binding protein 1; UV DDB 1; UV-DDB1; X associated protein 1; XAP 1; XAP1; Xeroderma pigmentosum group E complementing protein; XPCE; XPE; XPE binding factor; XPE-BF.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Cow,Horse,Rabbit,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	125kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human DDB1:951-1140/1140
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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 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. [provided by RefSeq].

**Subunit:**

Component of the UV-DDB complex which includes DDB1 and DDB2.

**Subcellular Location:**

Cytoplasm. Nucleus. Note=Primarily cytoplasmic. Translocates to the nucleus following UV irradiation and subsequently accumulates at sites of DNA damage.

**Similarity:**

Belongs to the DDB1 family.

**SWISS:**

Q16531

**Gene ID:**

1642

**Database links:**

[Entrez Gene: 511951](#)Cow

[Entrez Gene: 100290337](#)Human

[Entrez Gene: 1642](#)Human

[Entrez Gene: 13194](#)Mouse

[Entrez Gene: 64470](#)Rat

[Omir: 600045](#)Human

[SwissProt: A1A4K3](#)Cow

[SwissProt: Q16531](#)Human

[SwissProt: Q3U1J4](#)Mouse

[SwissProt: Q9ESW0](#)Rat

[Unigene: 290758](#)Human

[Unigene: 289915](#)Mouse

[Unigene: 466856](#)Mouse

[Unigene: 8402](#)Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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