

DDB2 rabbit monoclonal antibody

Catalog # H00001643-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human DDB2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human DDB2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human DDB2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — DDB2

Entrez GeneID	1643
GeneBank Accession#	DDB2
Gene Name	DDB2
Gene Alias	DDBB, FLJ34321, UV-DDB2
Gene Description	damage-specific DNA binding protein 2, 48kDa
Omim ID	278740 600811
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	DDB p48 subunit UV-damaged DNA-binding protein 2 damage-specific DNA binding protein 2 damage-specific DNA binding protein 2 (48kD) xeroderma pigmentosum group E protein

Pathway

- [Nucleotide excision repair](#)
- [p53 signaling pathway](#)
- [Ubiquitin mediated proteolysis](#)

Disease

- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Head and Neck Neoplasms](#)
- [Lung Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Supranuclear Palsy](#)
- [Urinary Bladder Neoplasms](#)