

Rabbit DDB2 Polyclonal Antibody | anti-DDB2 antibody

DDB2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303299	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

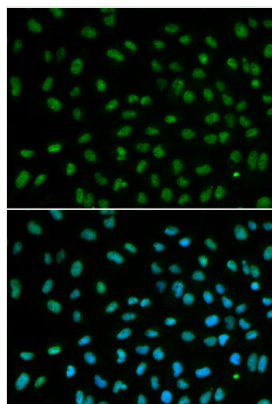
PRODUCT SYNONYMS

DDB2; Polyclonal Antibody; DDB2 Antibody; DDBB; FLJ34321; UV-DDB2; anti-DDB2 antibody

PRODUCT SPECIFICATIONS

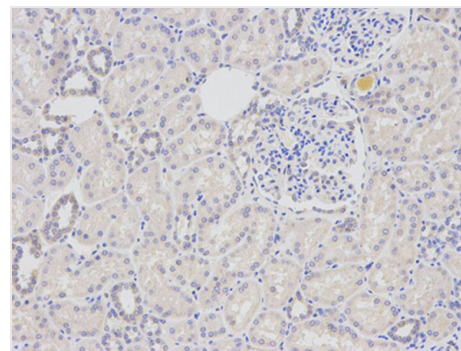
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total DDB2 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	427
Applicable Applications for anti-DDB2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human DDB2.
Target Name	DDB2
Preparation and Storage	Store at -20 degree C

IMAGES



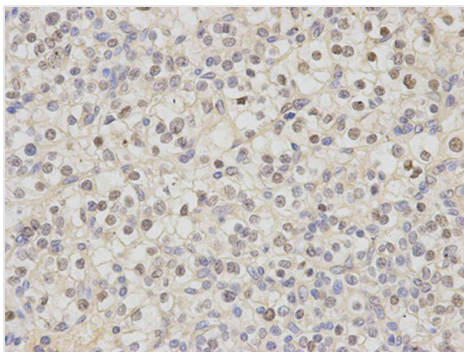
IF (Immunofluorescence)

Immunofluorescence analysis of MCF7 cell using DDB2 antibody. Blue: DAPI for nuclear staining.



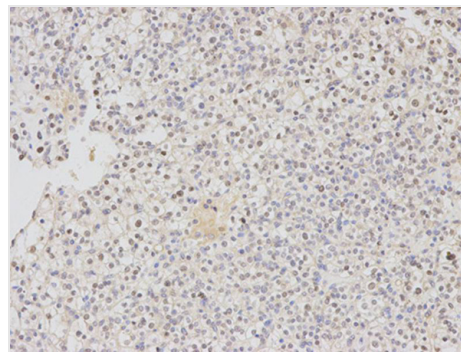
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney cancer using DDB2 antibody at dilution of 1:200 (400x lens).



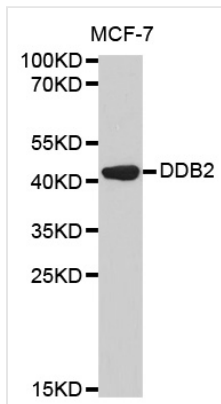
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney cancer using DDB2 antibody at dilution of 1:200 (200x lens).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney using DDB2 antibody at dilution of 1:200 (200x lens).



WB (Western Blot)

Western blot analysis of extracts of MCF-7 cell line, using DDB2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-DDB2 antibody	Damaged DNA-Binding Protein (DDB) consists of a 127 kDa subunit (DDB-1) and a 48 kDa subunit (DDB-2) that contribute to the formation of the UV-damaged DNA-binding protein complex (UV-DDB) (1-3). In conjunction with CUL4A and ROC-1, the UV-DDB complex forms an E3 ubiquitin ligase that recognizes a broad spectrum of DNA lesions such as cyclobutane pyrimidine dimers, 6-4 photoproducts, apurinic sites and short mismatches. The complex polyubiquitinates components of the nucleotide excision repair pathway (4-6). Loss of DDB activity has been identified in a subset of xeroderma pigmentosum complementation group E (XP-E) patients and has been linked to the deficient repair of cyclobutane pyrimidine dimers in cells derived from these patients (7-10).
Product Categories/Family for anti-DDB2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557515
NCBI GeneID	1643
NCBI Accession #	NP_000098.1
NCBI GenBank Nucleotide #	NM_000107.2
UniProt Accession #	Q92466; Q76E54; Q76E55; Q76E56; Q76E57; B2R875
Molecular Weight	26,758 Da
NCBI Official Full Name	DNA damage-binding protein 2
NCBI Official Synonym Full Names	damage-specific DNA binding protein 2, 48kDa
NCBI Official Symbol	DDB2

NCBI Official Synonym Symbols	DDBB; UV-DDB2
NCBI Protein Information	DNA damage-binding protein 2
UniProt Protein Name	DNA damage-binding protein 2
UniProt Gene Name	DDB2
UniProt Synonym Gene Names	DDBb; UV-DDB 2
UniProt Entry Name	DDB2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ddb2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/303299>