

Rabbit DDB2 Polyclonal Antibody | anti-DDB2 antibody

DDB2 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200994	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

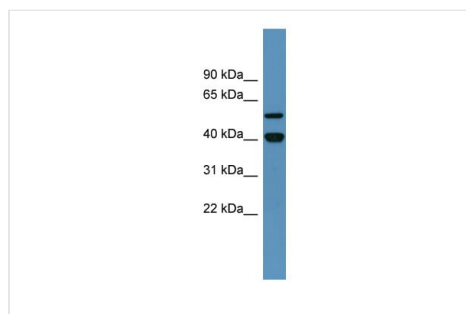
PRODUCT SYNONYMS

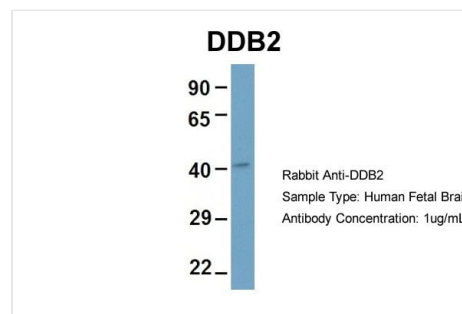
DDB2; Polyclonal Antibody; DDB2 antibody - C-terminal region; anti-DDB2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: IV VGRYPDPNFK SCTPYELRTI DVFDGNSGKM MCQLYDPSS GISSLNEF
Sequence Length	427
Applicable Applications for anti-DDB2 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 79%; Rabbit: 93%; Rat: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human DDB2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-DDB2 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:62500
Positive Control: Human Placenta

WB (Western Blot)

Host: Rabbit
Target Name: DDB2
Sample Type: Human Fetal Brain
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-DDB2 antibody	This is a rabbit polyclonal antibody against DDB2. It was validated on Western Blot Target Description: 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.
Product Categories/Family for anti-DDB2 antibody	Polyclonal; Mitochondria; Disease Related; DNA Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557515
NCBI GeneID	1643
NCBI Accession #	NP_000098
NCBI GenBank Nucleotide #	NM_000107
UniProt Accession #	Q92466
Molecular Weight	48kDa
NCBI Official Full Name	DNA damage-binding protein 2 isoform WT
NCBI Official Synonym Full Names	damage specific DNA binding protein 2
NCBI Official Symbol	DDB2
NCBI Official Synonym Symbols	XPE; 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-western-blot-elisa/200994>