

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human XPE/DDB2 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human XPE/DDB2 Met1-Lys427 Accession # Q92466
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
	*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Xeroderma Pigmentosum complementation group E (XPE) patients are defective in a heterodimer of damage-specific DNA-binding activity (DDB1/DDB2). DDB2 is a 48 kDa protein upregulated in cells exposed to ultraviolet light. XP patients exhibit hypersensitivity to ultraviolet light and have a heightened incidence of skin cancer.

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