

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human XPV in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human XPV Met1-Phe400 Accession # Q9Y253
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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 variant (XPV) is a form of XP caused by mutation in the DNA polymerase eta (POLH) gene. DNA polymerase eta catalyzes translesion DNA synthesis past pyrimidine dimers, a mutation caused by exposure to ultraviolet (UV) light. XPV patients are sensitive to UV light and show an increased incidence of skin cancer.

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