

PACO53806

Product Information

Size:

50ug

Reactivity:

Synechococcus sp.

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000

Protein Background:

Involved in repair of UV radiation-induced DNA damage. Catalyzes the light-dependent monomerization (300-600 nm) of cyclobutyl pyrimidine dimers (in cis-syn configuration), which are formed between adjacent bases on the same DNA strand upon exposure to ultraviolet radiation.

Gene ID:

p_{hr}

Uniprot

P05327

Synonyms:

Deoxyribodipyrimidine photo-lyase (EC 4.1.99.3) (DNA photolyase) (Photoreactivating enzyme), p_{hr}, p_{hr}A

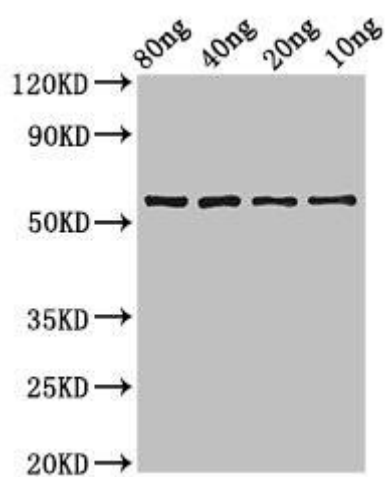
Immunogen:

Recombinant *Synechococcus* sp. Deoxyribodipyrimidine photo-lyase protein (2-484AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images



Western Blot. Positive WB detected in Recombinant protein. All lanes: phr antibody at 3.4 μ g/ml. Secondary. Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 60 kDa. Observed band size: 60 kDa.