

For Research Use Only

# ERCC6 Recombinant antibody, PBS Only

Catalog Number: 86144-1-PBS



## Basic Information

**Catalog Number:**

86144-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG18009

**GenBank Accession Number:**

BC127104

**GeneID (NCBI):**

2074

**UNIPROT ID:**

PODP91

**Full Name:**

excision repair cross-complementing rodent repair deficiency, complementation group 6

**Calculated MW:**

1493 aa, 168 kDa

**Observed MW:**

180 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

250645D4

## Applications

**Tested Applications:**

WB, Indirect ELISA

**Species Specificity:**

human

## Background Information

ERCC6, also named as CSB, belongs to the SNF2/RAD54 helicase family. It is involved in the preferential repair of active genes. It is presumed DNA or RNA unwinding function. ERCC6 corrects the UV survival and RNA synthesis after UV exposure of Cockayne syndrome complementation group B. Defects in ERCC6 are the cause of Cockayne syndrome type B (CSB), cerebro-oculo-facio-skeletal syndrome type 1 (COFS1), De Sanctis-Cacchione syndrome (DSC), and UV-sensitive syndrome (UVS). Genetic variation in ERCC6 is associated with susceptibility to age-related macular degeneration type 5 (ARMD5). The antibody is specific to ERCC6.

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS only, pH7.3

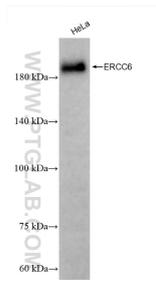
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## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 86144-1-RR (ERCC6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86144-1-PBS in a different storage buffer formulation.