

For Research Use Only

# ERCC6/CSB Polyclonal antibody

Catalog Number: 20548-1-AP



## Basic Information

### Catalog Number:

20548-1-AP

### Size:

150ul, Concentration: 433 ug/ml by Nanodrop and 433 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_000124

### GeneID (NCBI):

2074

### UNIPROT ID:

P0DP91

### Full Name:

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

### Calculated MW:

168 kDa

### Observed MW:

150 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse, rat

### Positive Controls:

WB : mouse brain tissue,

## 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 -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

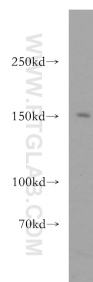
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## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 20548-1-AP (ERCC6/CSB antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.