

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:

PODP91

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

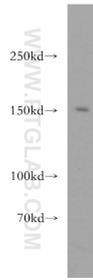
For technical support and original validation data for this product please contact:

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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.