

For Research Use Only

ERCC6/CSB Polyclonal antibody

Catalog Number: 20548-1-AP



Basic Information

Catalog Number: 20548-1-AP	GenBank Accession Number: NM_000124	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 433 µg/ml by Nanodrop and 433 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2074	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	Full Name: excision repair cross-complementing rodent repair deficiency, complementation group 6	
Isotype: IgG	Calculated MW: 168 kDa	
	Observed MW: 150 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse brain tissue,
Species Specificity: human, mouse, rat	

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

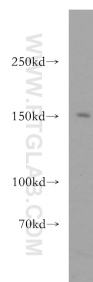
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.