

For Research Use Only

ERCC6 Recombinant antibody, PBS Only

Catalog Number: 86144-1-PBS



Basic Information

Catalog Number: 86144-1-PBS	GenBank Accession Number: BC127104	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2074	CloneNo.: 250645D4
Source: Rabbit	UNIPROT ID: PODP91	
Isotype: IgG	Full Name: excision repair cross-complementing rodent repair deficiency, complementation group 6	
Immunogen Catalog Number: AG18009	Calculated MW: 1493 aa, 168 kDa	
	Observed MW: 180 kDa	

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

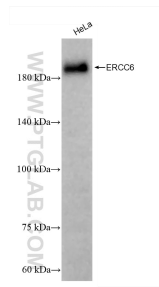
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

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



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.