

# ERCC3 Rabbit pAb

Catalog No.: A12702

## Basic Information

### Observed MW

89kDa

### Calculated MW

89kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes an ATP-dependent DNA helicase that functions in nucleotide excision repair. The encoded protein is a subunit of basal transcription factor 2 (TFIIH) and, therefore, also functions in class II transcription. Mutations in this gene are associated with Xeroderma pigmentosum B, Cockayne's syndrome, and trichothiodystrophy. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

2071

### Swiss Prot

P19447

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 512-782 of human ERCC3 (NP\_000113.1).

### Synonyms

XPB; BTF2; Ssl2; TTD2; GTF2H; RAD25; TFIIH; ERCC3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

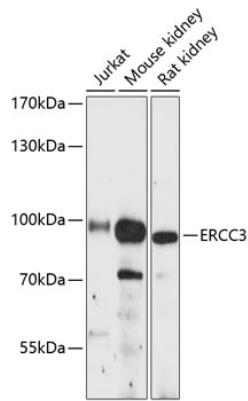
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using ERCC3 Rabbit pAb (A12702) at 1:3000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Enhanced Kit (RM00021).  
Exposure time: 90s.