

Datasheet for ABIN6243173
anti-ERCC2 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	ERCC2
Binding Specificity:	AA 687-722, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERCC2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ERCC2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 687-722 amino acids from the C-terminal region of human ERCC2.
Clone:	RB51850
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ERCC2
Alternative Name:	ERCC2 (ERCC2 Products)
Background:	ATP-dependent 5'-3' DNA helicase, component of the core- TFIIH basal transcription factor.

Target Details

Involved in nucleotide excision repair (NER) of DNA by opening DNA around the damage, and in RNA transcription by RNA polymerase II by anchoring the CDK-activating kinase (CAK) complex, composed of CDK7, cyclin H and MAT1, to the core-TFIIF complex. Involved in the regulation of vitamin-D receptor activity. As part of the mitotic spindle-associated MMXD complex it plays a role in chromosome segregation. Might have a role in aging process and could play a causative role in the generation of skin cancers.

Molecular Weight: 86909

UniProt: [P18074](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

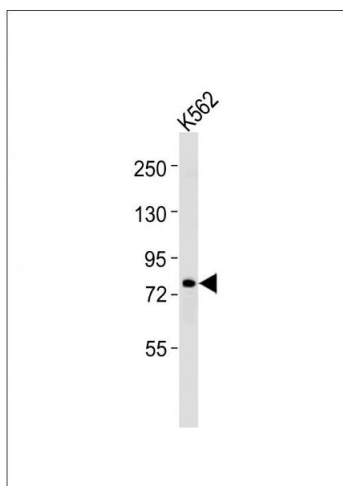
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Expiry Date: 6 months



Western Blotting

Image 1. Anti-ERCC2 Antibody (C-term) at 1:1000 dilution + K562 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 87 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.