

[Go to Product page](#)

Datasheet for ABIN7453883 **anti-ERCC5 antibody (AA 650-700)**

Overview

Quantity:	20 µg
Target:	ERCC5
Binding Specificity:	AA 650-700
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERCC5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-ERCC5/XPG Antibody, Affinity Purified
Immunogen:	between AA 650 and 700
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	ERCC5
Alternative Name:	ERCC5/XPG (ERCC5 Products)
Background:	Background: ERCC5 is a single-stranded DNA endonuclease involved in DNA excision repair.

Target Details

ERCC5 is an important component of the nucleotide excision repair (NER) pathway which is critical to the repair of DNA lesions caused by exposure to UV light. Defects in ERCC5 are the cause of xeroderma pigmentosum, an autosomal recessive disease characterized by a hypersensitivity to sunlight and a high predisposition to cancer on UV-exposed areas.

Gene ID: 2073

NCBI Accession: [NP_000114](#)

UniProt: [P28715](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: IHC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

IP: 2 - 10 µg/mg lysate

WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % 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

Expiry Date: 12 months