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Datasheet for ABIN7113989 **anti-ERCC6 antibody**

Overview

Quantity:	100 µg
Target:	ERCC6
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERCC6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	excision repair cross-complementing rodent repair deficiency, complementation group 6
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	ERCC6
Alternative Name:	ERCC6 (ERCC6 Products)
Background:	Synonyms:CSB Background:Essential factor involved in transcription-coupled nucleotide excision repair which allows RNA polymerase II-blocking lesions to be rapidly removed from the transcribed strand of active genes. Upon DNA-binding, it locally modifies DNA conformation by wrapping the DNA around itself, thereby modifying the interface between stalled RNA

Target Details

polymerase II and DNA. It is required for transcription-coupled repair complex formation. It recruits the CSA complex(DCX(ERCC8) complex), nucleotide excision repair proteins and EP300 to the at sites of RNA polymerase II-blocking lesions.

Molecular Weight: 150kd

Gene ID: 2074

UniProt: [Q03468](#)

Pathways: [DNA Damage Repair](#), [Chromatin Binding](#)

Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months