

Datasheet for ABIN7150168
anti-ERCC1 antibody (AA 1-323)

3 Images

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Overview

Quantity:	100 µg
Target:	ERCC1
Binding Specificity:	AA 1-323
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERCC1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human DNA excision repair protein ERCC-1 protein (1-323AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ERCC1
Alternative Name:	ERCC1 (ERCC1 Products)
Background:	Background: Isoform 1: Non-catalytic component of a structure-specific DNA repair endonuclease responsible for the 5'-incision during DNA repair. Responsible, in conjunction

Target Details

with SLX4, for the first step in the repair of interstrand cross-links (ICL). Participates in the processing of anaphase bridge-generating DNA structures, which consist in incompletely processed DNA lesions arising during S or G2 phase, and can result in cytokinesis failure. Also required for homology-directed repair (HDR) of DNA double-strand breaks, in conjunction with SLX4.

Aliases: COFS 4 antibody, COFS4 antibody, DNA excision repair protein ERCC 1 antibody, DNA excision repair protein ERCC-1 antibody, DNA excision repair protein ERCC1 antibody, ERCC 1 antibody, ERCC1 antibody, ERCC1_HUMAN antibody, Excision repair cross complementation group 1 antibody, Excision repair cross complementing 1 antibody, Excision Repair Cross Complementing Rodent Repair Deficiency Complementation Group 1 antibody, Excision repair protein antibody, RAD 10 antibody, RAD10 antibody, UV 20 antibody, UV20 antibody

UniProt: [P07992](#)

Pathways: [DNA Damage Repair](#), [Production of Molecular Mediator of Immune Response](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

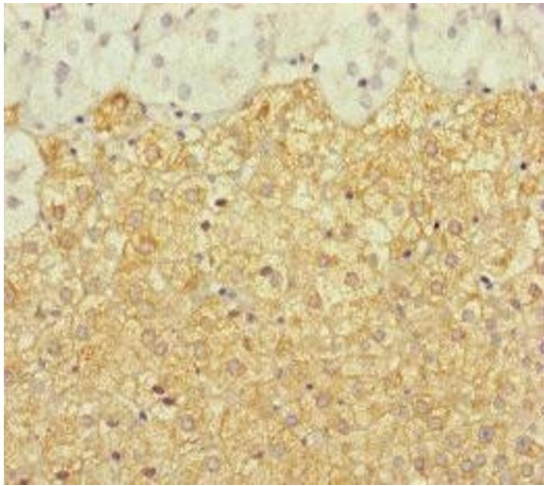
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

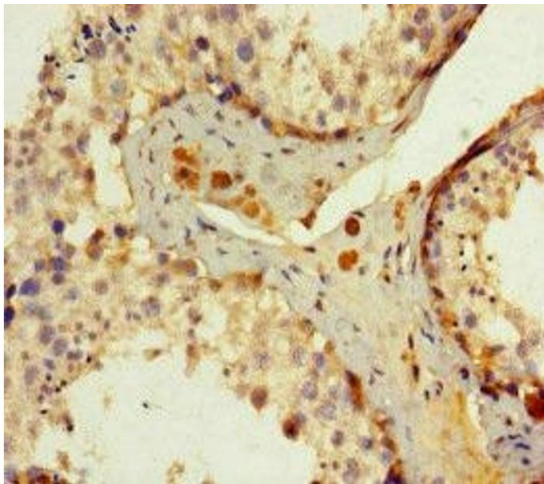
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



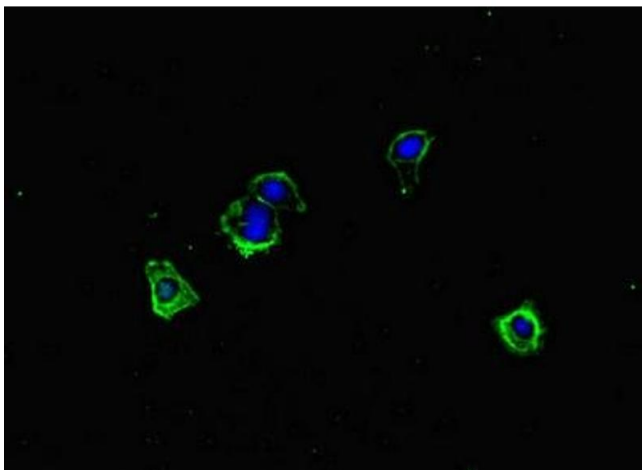
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human adrenal gland tissue using ABIN7150168 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7150168 at dilution of 1:100



Immunofluorescence

Image 3. Immunofluorescent analysis of HepG2 cells using ABIN7150168 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)