

Datasheet for ABIN2857074
anti-ERCC8 antibody (Center)

4 Images

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Overview

Quantity:	100 µL
Target:	ERCC8
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERCC8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ERCC8. The exact sequence is proprietary.
Isotype:	IgG
Characteristics:	Rabbit Polyclonal antibody to ERCC8 (excision repair cross-complementing rodent repair deficiency, complementation group 8) ERCC8 antibody
Purification:	Affinity purified by Protein A.

Target Details

Target:	ERCC8
Alternative Name:	ERCC8 (ERCC8 Products)

Target Details

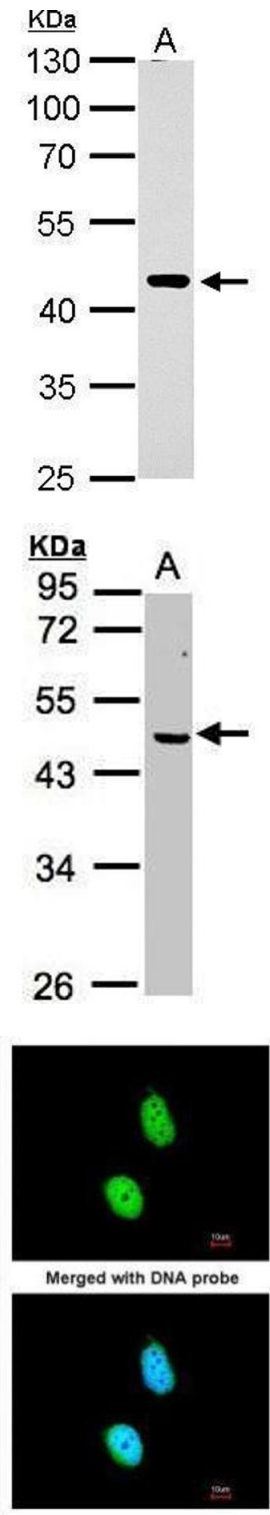
Background:	<p>This gene encodes a WD repeat protein, which interacts with Cockayne syndrome type B (CSB) protein and with p44 protein, a subunit of the RNA polymerase II transcription factor IIH. Mutations in this gene have been identified in patients with hereditary disease Cockayne syndrome (CS). CS cells are abnormally sensitive to ultraviolet radiation and are defective in the repair of transcriptionally active genes.</p> <p>Cellular Localization: Nucleus</p>
Molecular Weight:	44 kDa
Gene ID:	1161
Pathways:	DNA Damage Repair , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	<p>Suggested dilution Reference ICC/IF 1:100-1:1000* Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* Western blot1:500-1:3000*</p>
Comment:	Positive Control: Molt-4 , C8D30 , Rat2
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	5.39 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image ERCC8 antibody detects ERCC8 protein by Western blot analysis. A. 30 μ g Rat2 whole cell lysate/extract 10 % SDS-PAGE ERCC8 antibody , dilution: 1:1000

Western Blotting

Image 2. WB Image Sample (30 μ g whole cell lysate) A:MOLT4 , 10% SDS PAGE antibody diluted at 1:1000

Immunofluorescence

Image 3. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using ERCC8, antibody at 1:200 dilution.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2857074.