Datasheet for ABIN6140278

anti-ERCC8 antibody (C-Term)

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1 Image

Overview

Quantity:	100 µL
Target:	ERCC8
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERCC8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 300 to the C-terminus of human ERCC8 (NP_000073.1).
Sequence:	SCGCSSEFVF VPYGSTIAVY TVYSGEQITM LKGHYKTVDC CVFQSNFQEL YSGSRDCNIL AWVPSLYEPV PDDDETTTKS QLNPAFEDAW SSSDEEG
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

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Target Details

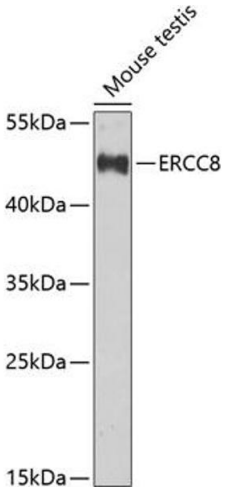
Target:	ERCC8
Alternative Name:	ERCC8 (ERCC8 Products)
Background:	This gene encodes a WD repeat protein, which interacts with Cockayne syndrome type B (CSB) protein and with p44 protein, a subunit of the RNA polymerase II transcription factor IIH. Mutations in this gene have been identified in patients with hereditary disease Cockayne syndrome (CS). CS cells are abnormally sensitive to ultraviolet radiation and are defective in the repair of transcriptionally active genes. Several transcript variants encoding different isoforms have been found for this gene.,ERCC8,CKN1,CSA,UVSS2,Epigenetics & Nuclear Signaling,DNA Damage & Repair,Cell Biology & Developmental Biology,Ubiquitin,Ubiquitin-Proteasome Signaling Pathway,ERCC8
Molecular Weight:	23 kDa/44 kDa
Gene ID:	1161
UniProt:	Q13216
Pathways:	DNA Damage Repair, Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,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:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of mouse testis, using ERCC8 Antibody (ABIN6134311, ABIN6140278, ABIN6140280 and ABIN6222611) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 90s.

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