

Datasheet for ABIN2777347
anti-ERCC8 antibody (C-Term)

10 Images

1 Publication

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Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ERCC8
Sequence:	QELYSGSRDC NILAWVPSLY EPVPDDDETT TKSQLNPAFE DAWSSSDEEG
Predicted Reactivity:	Dog: 93%, Horse: 86%, Human: 100%, Pig: 79%, Rabbit: 79%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against ERCC8. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	ERCC8
Alternative Name:	ERCC8 (ERCC8 Products)

Target Details

Background:	<p>ERCC8 (excision repair cross-complementing rodent repair deficiency, complementation group 8 isoform 1) is a WD repeat protein, which interacts with Cockayne syndrome type B (CSB) protein and with p44 protein, a subunit of the RNA polymerase II transcript</p> <p>Alias Symbols: CKN1, CSA</p> <p>Protein Interaction Partner: CUL4A, CUL4B, DDB1, RUVBL2, ZNF24, PCNA, H1FO, ERCC6, UVSSA, DDA1, RFWD2, COPS4, COPS6, COPS3, TOP1, TP53, SSBP1, OGG1, MDM2, GTF2H2, CUL5, GPS1, DDB2, COPS2, COPS7A, COPS5, COPS8, RBX1, POLR2A, HMGN1, EP300, UBC, CSNK2B, XAB2, UQCQRQ, CBR1,</p> <p>Protein Size: 396</p>
Molecular Weight:	44 kDa
Gene ID:	1161
NCBI Accession:	NM_000082 , NP_000073
UniProt:	Q13216
Pathways:	DNA Damage Repair , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 396 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

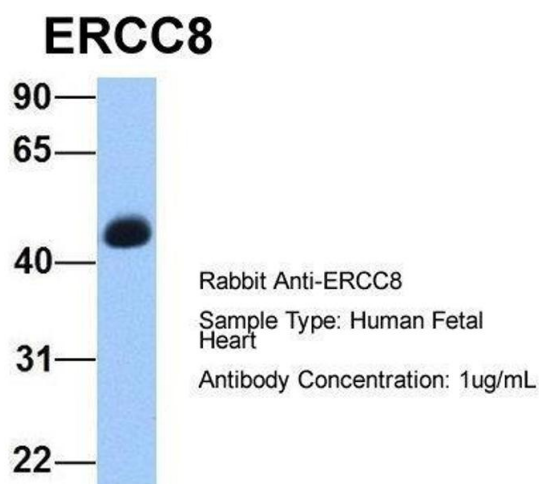
Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

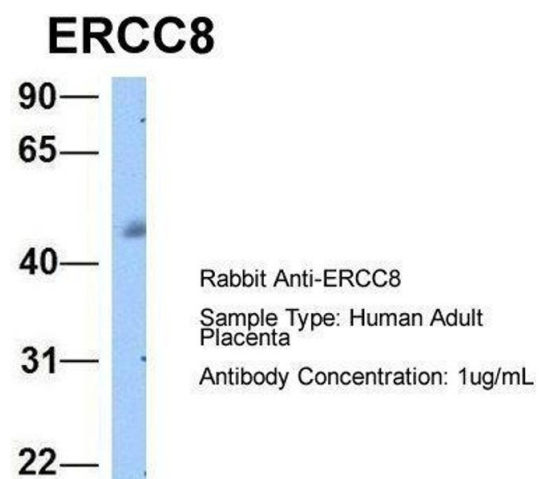
Product cited in: Fleury, Carmona, Morin, Meunier, Masson, Tonin, Provencher, Mes-Masson: "Cumulative defects in DNA repair pathways drive the PARP inhibitor response in high-grade serous epithelial ovarian cancer cell lines." in: **Oncotarget**, Vol. 8, Issue 25, pp. 40152-40168, (2018) ([PubMed](#)).

Images



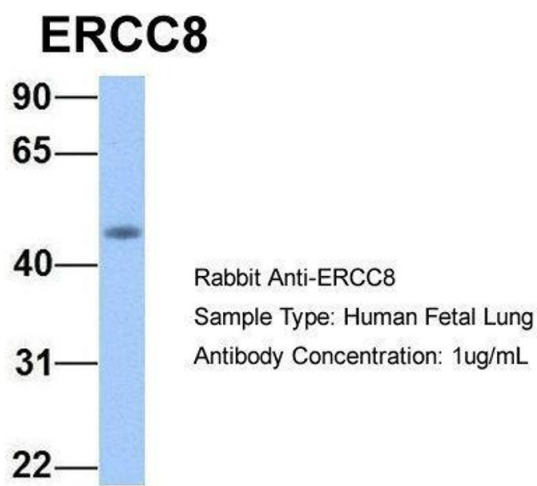
Western Blotting

Image 1. Host: Rabbit Target Name: ERCC8 Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml



Western Blotting

Image 2. Host: Rabbit Target Name: ERCC8 Sample Type: Human Adult Placenta Antibody Dilution: 1.0ug/ml



Western Blotting

Image 3. Host: Rabbit Target Name: ERCC8 Sample Type:
Human Fetal Lung Antibody Dilution: 1.0ug/ml

Please check the [product details page](#) for more images. Overall 10 images are available for ABIN2777347.