

Datasheet for ABIN1713778
anti-ERCC8 antibody (AA 161-260)

2 Images

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Overview

Quantity:	100 µL
Target:	ERCC8
Binding Specificity:	AA 161-260
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERCC8 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ERCC8/CSA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Horse
Purification:	Purified by Protein A.

Target Details

Target:	ERCC8
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Target Details

Alternative Name:	ERCC8/CSA (ERCC8 Products)
Background:	<p>Synonyms: CSA, CKN1, UVSS2, DNA excision repair protein ERCC-8, Cockayne syndrome WD repeat protein CSA, ERCC8</p> <p>Background: Substrate-recognition component of the CSA complex, a DCX (DDB1-CUL4-X-box) E3 ubiquitin-protein ligase complex, involved in transcription-coupled nucleotide excision repair. The CSA complex (DCX(ERCC8) complex) promotes the ubiquitination and subsequent proteasomal degradation of ERCC6 in a UV-dependent manner, ERCC6 degradation is essential for the recovery of RNA synthesis after transcription-coupled repair. It is required for the recruitment of XAB2, HMGN1 and TCEA1/TFIIS to a transcription-coupled repair complex which removes RNA polymerase II-blocking lesions from the transcribed strand of active genes.</p>
Gene ID:	1161
UniProt:	Q13216
Pathways:	DNA Damage Repair , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

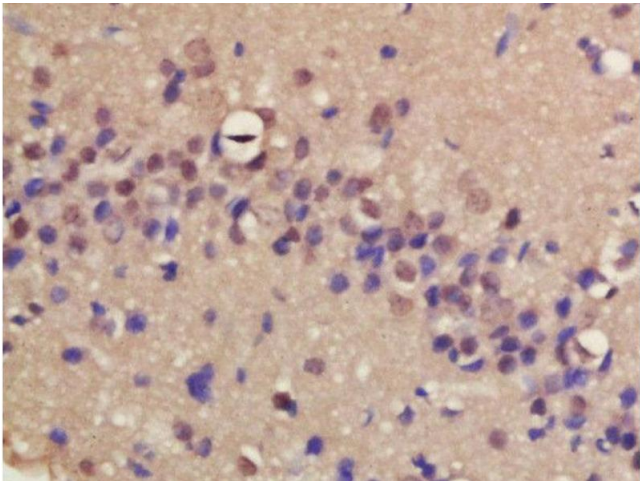
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling

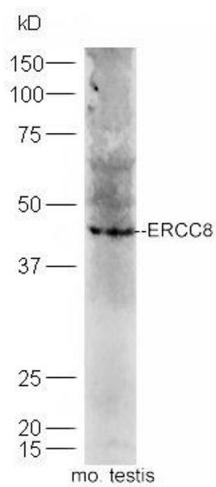
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Rabbit Anti-ERCC8/CSA Polyclonal Antibody, Unconjugated (ABIN1713778) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Western Blotting

Image 2. Mouse testis lysates probed with Rabbit Anti-ERCC*/CSA Polyclonal Antibody, Unconjugated (ABIN1713778) at 1:300 overnight at 4 °C. Followed by a conjugated secondary antibody at 1:5000 for 90 min at 37 °C.