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Datasheet for ABIN2173876

anti-ERCC6 antibody (AA 201-300) (Alexa Fluor 350)

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | ERCC6 |
| Binding Specificity: | AA 201-300 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ERCC6 antibody is conjugated to Alexa Fluor 350 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human ERCC6 |
| Isotype: | IgG |
| Cross-Reactivity: | Rat |
| Predicted Reactivity: | Human,Mouse |
| Purification: | Purified by Protein A. |

Target Details

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|-------------------|--|
| Target: | ERCC6 |
| Alternative Name: | ERCC6 (ERCC6 Products) |

Target Details

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|-------------|---|
| Background: | <p>Synonyms: CSB, CKN2, COFS, ARMD5, COFS1, RAD26, UVSS1, DNA excision repair protein ERCC-6, ATP-dependent helicase ERCC6, Cockayne syndrome protein CSB, ERCC6</p> <p>Background: Essential factor involved in transcription-coupled nucleotide excision repair which allows RNA polymerase II-blocking lesions to be rapidly removed from the transcribed strand of active genes. Upon DNA-binding, it locally modifies DNA conformation by wrapping the DNA around itself, thereby modifying the interface between stalled RNA polymerase II and DNA. It is required for transcription-coupled repair complex formation. It recruits the CSA complex (DCX(ERCC8) complex), nucleotide excision repair proteins and EP300 to the at sites of RNA polymerase II-blocking lesions.</p> |
| Gene ID: | 2074 |
| UniProt: | Q03468 |
| Pathways: | DNA Damage Repair , Chromatin Binding |

Application Details

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|--------------------|---|
| Application Notes: | <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |