

Product datasheet for **TA336250**

XPG (ERCC5) Rabbit Polyclonal Antibody

Product data:

| | |
|-------------------------|---|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for Anti-ERCC5 Antibody: synthetic peptide directed towards the N terminal of human ERCC5. Synthetic peptide located within the following region: NPQAIDIESEDFSSLPPEVKHEILTDMKEFTKRRRTLFEAMPEESDDFSQ |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| Purification: | Affinity Purified |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 133 kDa |
| Gene Name: | ERCC excision repair 5, endonuclease |
| Database Link: | NP_000114 Entrez Gene 2073 Human P28715 |



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Background:

Excision repair cross-complementing rodent repair deficiency, complementation group 5 (xeroderma pigmentosum, complementation group G) is involved in excision repair of UV-induced DNA damage. Mutations cause Cockayne syndrome, which is characterized by severe growth defects, mental retardation, and cachexia. Excision repair cross-complementing rodent repair deficiency, complementation group 5 (xeroderma pigmentosum, complementation group G) is involved in excision repair of UV-induced DNA damage. Mutations cause Cockayne syndrome, which is characterized by severe growth defects, mental retardation, and cachexia. Multiple alternatively spliced transcript variants encoding distinct isoforms have been described, but the biological validity of all variants has not been determined. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms:

COFS3; ERCC5-201; ERCM2; UVDR; XPG; XPGC

Note:

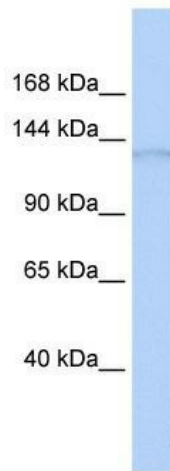
Immunogen Sequence Homology: Rat: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Pig: 93%; Guinea pig: 93%; Dog: 86%; Horse: 86%; Bovine: 86%

Protein Families:

Druggable Genome, Stem cell - Pluripotency, Transcription Factors

Protein Pathways:

Nucleotide excision repair

Product images:

WB Suggested Anti-ERCC5 Antibody Titration: 0.2-1 ug/ml; Positive Control: Human brain