

ERCC6L antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14044**Specification**

ERCC6L antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q2NKX8
Other Accession	NM_017669 , NP_060139
Reactivity	Human, Rat, Rabbit, Pig, Horse, Bovine, Dog
Predicted Host	Rat, Rabbit, Horse
Clonality	Rabbit
Calculated MW	Polyclonal 141kDa KDa

ERCC6L antibody - N-terminal region - Additional Information**Gene ID** 54821**Alias Symbol** **FLJ20105, MGC131695, PICH****Other Names**

DNA excision repair protein ERCC-6-like, 3.6.4.12, ATP-dependent helicase ERCC6-like, PLK1-interacting checkpoint helicase, Tumor antigen BJ-HCC-15, ERCC6L, PICH

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-ERCC6L antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

ERCC6L antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

ERCC6L antibody - N-terminal region - Protein Information**Name** ERCC6L**Function**DNA helicase that acts as a tension sensor that associates with catenated DNA which is stretched under tension until it is resolved during anaphase (PubMed:[17218258](http://www.uniprot.org/citations/17218258), PubMed:[23973328](http://www.uniprot.org/citations/23973328)). Functions as ATP-dependent DNA translocase (PubMed:[23973328](http://www.uniprot.org/citations/23973328), PubMed:[28977671](http://www.uniprot.org/citations/28977671)). Can promote Holliday junction branch migration (in vitro)

(PubMed:23973328).

Cellular Location

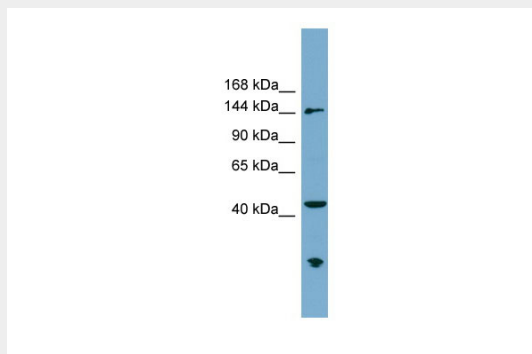
Chromosome, centromere. Chromosome, centromere, kinetochore. Chromosome. Note=Localizes to kinetochores, inner centromeres and thin threads connecting separating chromosomes even during anaphase. In prometaphase cells, it mostly concentrates in between kinetochores. In metaphase, it localizes to numerous thin threads that stretch between sister kinetochores of the aligned chromosomes and are composed of catenated centromeric DNA. Evolution from inner centromeres to thin threads takes place in response to tension. Resolution of thin threads requires topoisomerase 2-alpha (TOP2A) after anaphase onset.

ERCC6L antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ERCC6L antibody - N-terminal region - Images



WB Suggested Anti-ERCC6L Antibody Titration: 0.2-1 µg/ml

Positive Control: THP-1 cell lysate

ERCC6L antibody - N-terminal region - References

- Baumann C.,et al.Cell 128:101-114(2007).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Xueyuan D.,et al.Submitted (JUN-2002) to the EMBL/GenBank/DDBJ databases.
Wang L.-H.,et al.Chromosoma 117:123-135(2008).
Chan K.-L.,et al.EMBO J. 26:3397-3409(2007).