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ERCC6L Polyclonal Antibody

Cat #: G-AB-00974

Host: Rabbit **Reactivity:** Human

Isotype: IgG **Clonality:** Polyclonal

Overview:
PICH (Plk1-interacting checkpoint helicase), also known as DNA excision repair protein ERCC-6-like (ERCC6L) or tumor antigen BJ-HCC-15, is a 1,250 amino acid protein belonging to the SNF2/RAD54 helicase family. PICH is a DNA helicase and an essential component of the spindle assembly checkpoint. During mitosis, PICH recruits MAD2 to kinetochores and also regulates the tension on centromic chromatin. PICH is concentrated in between the kinetochores in prometophase cells, while in metaphase it localizes to the thin threads composed of catenated centromeric DNA that stretch between sister kinetochores. PICH is phosphorylated by Plk, which prevents PICH from associating with chromosome arms and restricts the localization of PICH to the kinetochore-centromere region. PICH/Plk interaction is also required for correct Plk localization to the kinetochore. PICH contains one helicase ATP-binding domain, two TPR repeats and one helicase C-terminal domain.

Gene ID:

Accession #: BC008808

Immunogen: Recombinant protein of human ERCC6L

Conjugation: Unconjugated

Swissprot: Q2NKX8

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 0.5 mg/mL

Buffer: PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Purification Method: Affinity purification

Application: IHC,ELISA

Dilution: IHC 1:50-1:200

Storage: Store at -20°C. Avoid freeze / thaw cycles.