
Product Name: NCAPH2 Rabbit Monoclonal Antibody**Catalog #: AMRe85825**

For research use only.

Summary

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|----------------------|--|
| Description | Recombinant rabbit monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC,ICC,IP |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol. |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200,IP 1:10-1:20 |
| Molecular Weight | Calculated MW: 68 kDa; Observed MW: 68 kDa |

Antigen Information

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|--------------------------|-------------------------------------|
| Gene Name | NCAPH2 |
| Alternative Names | CAPH2 |
| Gene ID | 29781.0 |
| SwissProt ID | Q6IBW4 |
| Immunogen | A synthetic peptide of human NCAPH2 |

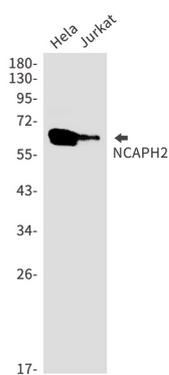
Background

Regulatory subunit of the condensin-2 complex, a complex that seems to provide chromosomes with an additional level of organization and rigidity and in establishing mitotic chromosome architecture (PubMed:14532007). May promote the resolution of double-strand DNA catenanes (intertwines) between sister chromatids. Condensin-mediated compaction likely

increases tension in catenated sister chromatids, providing directionality for type II topoisomerase-mediated strand exchanges toward chromatid decatenation. Required for decatenation of chromatin bridges at anaphase. Early in neurogenesis, may play an essential role to ensure accurate mitotic chromosome condensation in neuron stem cells, ultimately affecting neuron pool and cortex size . Seems to have lineage-specific role in T-cell development (PubMed:14532007).

Research Area

Image Data



Western blot analysis of NCAPH2 in HeLa, Jurkat lysates using NCAPH2 antibody.