

Anti-NCAPD2 Antibody

Catalog Number: A07277-1

About NCAPD2

NCAPD2 is a regulatory subunit of the condensin complex, which is required for conversion of interphase chromatin into mitotic-like condensed chromosomes. Condensin complexes are heteropentamers comprised of two SMC (structural maintenance of chromosomes) subunits and three non-SMC subunits. The C-terminus of NCAPD2 interacts with Histones H1 and H3 through their histone tails. A loss of NCAPD2 can lead to the disorganization of chromatid axes, misalignment of sister chromatids during metaphase and delayed entry into anaphase.

Overview

Product Name	Anti-NCAPD2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-NCAPD2 Antibody catalog # A07277-1. Tested in WB, IHC, ICC, IF, IP, ELISA applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q15021

Technical Details

Immunogen	E.coli-derived human NCAPD2 recombinant protein (Position: P3-L349).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-400 Immunocytochemistry/Immunofluorescence, 1:50-400 ImmunoPrecipitation, 1:250-300

ELISA, 1:100-1000

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Anti-NCAPD2 Antibody

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