



CNDH2 rabbit pAb

Catalog No	YP-Ab-11152
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB
Gene Name	NCAPH2 CAPH2
Immunogen	Synthesized peptide derived from human CNDH2 AA range: 501-551
Specificity	This antibody detects endogenous levels of CNDH2 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CNDH2; NCAPH2 CAPH2
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Nucleus . Chromosome . Distributed along the arms of chromosomes assembled in vivo and in vitro.
Tissue Specificity	
Function	function: 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. May play a role in lineage-specific role in T-cell development., PTM: Phosphorylated upon DNA damage, probably by ATM or ATR., similarity: Belongs to the CND2 H2 (condensin-2 subunit 2) family., subcellular location: Distributed along the arms of chromosomes assembled in vivo and in vitro., subunit: Component of the condensin-2 complex, which contains the smc2 and smc4 heterodimer, and three non SMC subunits, ncpg2, ncaph2 and ncpg3 that probably regulate the complex.,



Background

This gene encodes one of the non-SMC subunits of the condensin II complex. This complex plays an essential role in mitotic chromosome assembly. Alternate splicing of this gene results in multiple transcript variants.[provided by RefSeq, May 2010],

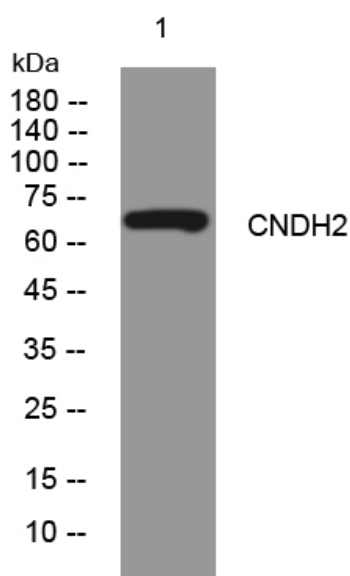
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from HeLa cells, primary antibody was diluted at 1:1000, 4° over night