

DNAxPAb

Hard-to-Find
Antibody

INCENP DNAxPab

Catalog # H00003619-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human INCENP DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MGTAPGPIHLELCDQKLMEFLCNMDNLDLVWLEEQEEAERMFTREFSKEPELMPKTPSQKN
RRKKRRISYVQDENRDPIRRRLSRRKSRSSQLSSRRLRSKDSVEKLATVVGENGSVLRRVTRAAA
AAAAATMALAAPSSPTPESPTMLTKKPEDNHTQCQLVPVVEIGISERQNAEQHVTQLMSTEPLPR
TLSPTPASATAPTSQGIPTSDEESTPKKSKARILESITVSSLMATPQDPKGQGVGTGRSASKLRIAQ
VSPGPRDSPAFPDSPWRERV LAPILPDNFSTPTGSRTDSQSVRHSPAPSSPSPQVLAQKYSLV
AKQESVVRASRLAKKTAEPAASGRICHSYLERLLNVEVPQKVGSEQKEPPEEAEPVAAAE
PEVPENNGNNSWPHNDTEIANSTPNPKPAASSPETPSAGQQEAKTDQADGPREPPQSARRKRS
YKQAVSELDEEQHLEDEELQPPRSKTPSSPCPASKVVRPLRTLHTVQRNQMLMTPTSAPRSV
MKSFIKRNTPLRMDPKCSFVEKERQRLNLRKEEAEQLRRQKVEEDKRRRLEEVLKREERLR
KVLQARERVEQMKEEKKKQIEQKFAQIDEKTEKAKEERLAEKAKKKAAAKMEEVEARRKQEE
DARRLRWLQEEEEERRHQELLQKKKEEQERLRKAAEAKRLAEQREQERREQERREQERREQ
ERREQERREQERQLAEQERRREQERLQAERELQEREKALRLQKEQLQRELEEKKKKEEQQLA
ERQLQEEQEKKAKEAAGASKALNVTVDVQSPACTSYQMTPQGHRAPPKINPDNYGMDLNSDDS
TDDEAHPRKPIPTWARGTPLSQAIHQYYHPPNLELFGTILPLDLEDIFKKSKPRYHKRTSSAVWNS
PPLQGARVPSSSLAYSLKKH

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — INCENP

Entrez GeneID [3619](#)

GeneBank Accession# [BC098576.1](#)

Protein Accession# [AAH98576.1](#)

Gene Name INCENP

Gene Alias FLJ31633, MGC111393

Gene Description inner centromere protein antigens 135/155kDa

Omim ID [604411](#)

Gene Ontology [Hyperlink](#)

Gene Summary

In mammalian cells, 2 broad groups of centromere-interacting proteins have been described: constitutively binding centromere proteins and 'passenger,' or transiently interacting, proteins (reviewed by Choo, 1997). The constitutive proteins include CENPA (centromere protein A; MIM 117139), CENPB (MIM 117140), CENPC1 (MIM 117141), and CENPD (MIM 117142). The term 'passenger proteins' encompasses a broad collection of proteins that localize to the centromere during specific stages of the cell cycle (Earnshaw and Mackay, 1994 [PubMed 8088460]). These include CENPE (MIM 117143); MCAK (MIM 604538); KID (MIM 603213); cytoplasmic dynein (e.g., MIM 600112); ClIPs (e.g., MIM 179838); and CENPF/mitosin (MIM 600236). The inner centromere proteins (INCENPs) (Earnshaw and Cooke, 1991 [PubMed 1860899]), the initial members of the passenger protein group, display a broad localization along chromosomes in the early stages of mitosis but gradually become concentrated at centromeres as the cell cycle progresses into mid-metaphase. During telophase, the proteins are located within the midbody in the intercellular bridge, where they are discarded after cytokinesis (Cutts et al., 1999 [PubMed 10369859]).[supplied by OMIM]

Other Designations

binds and activates aurora-B and -C in vivo and in vitro|chromosomal passenger protein|inner centromere protein INCENP|inner centromere protein antigens (135kD, 155kD)