

DNAPAb

Hard-to-Find  
Antibody

# CDC73 DNAPAb

Catalog # H00079577-W01P

Size 200 ug

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human CDC73 DNA using DNAX™ Immune technology.                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Technology              | <a href="#">DNAX™ Immune</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen               | Full-length human DNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Sequence                | MADVLSVLRQYNIQKKEIVVGDEVIFGEFSWPKNVKTNYVVWGTGKEGQPREYYTLDSILFLLNN<br>VHLSHPVYVRRRAATENIPVVRPDRKDLLGYLNGEASTSASIDRSAPLEIGLQRSTQVKRAADEVL<br>AEAKKPRIEDEECVRLDKERLAARLEGHKEGMVQTEQIRSLSEAMSVEKIAAIKAKIMAKKRSTIKTD<br>LDDITALKQRSFVDAEVDVTRDIVSRERVWRTRTTILQSTGKNFSKNIFAILQSVKAREEGRAPEQ<br>RPAPNAAPVDPTLRTKQPIAAYNRYDQERFKGKEETEGFKIDTMGTYHGMTLKS VTEGASARKT<br>QTPAAQPVPRPVSQARPPPNQKKGSRTPIIIIIPAATSLITMLNAKDLLQDLKFVPSDEKKKQGCQR<br>ENETLIQRRKDQMMPGGTAISVTVPYRVVDQPLKLMPQDWDVRVAVFVQGPAPWQFKGWPWLLP<br>DGSPVDIFAKIKAFHLKYDEVRLDPNVQKWDVTVLELSYHKRHLDRPVFLRFWETLDRYMKHKS<br>HLRF |
| 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 — CDC73

Entrez GeneID [79577](#)

GeneBank Accession# [NM\\_024529.3](#)

Protein Accession# [NP\\_078805.3](#)

Gene Name CDC73

Gene Alias C1orf28, FLJ23316, HPT-JT, HRPT2

Gene Description cell division cycle 73, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae)

Omim ID [145000](#) [145001](#) [607393](#) [608266](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a tumor suppressor that is involved in transcriptional and post-transcriptional control pathways. The protein is a component of the the PAF protein complex, which associates with the RNA polymerase II subunit POLR2A and with a histone methyltransferase complex. This protein appears to facilitate the association of 3' mRNA processing factors with actively-transcribed chromatin. Mutations in this gene have been linked to hyperparathyroidism-jaw tumor syndrome, familial isolated hyperparathyroidism, and parathyroid carcinoma. [provided by RefSeq]

**Other Designations** hyperparathyroidism 2 (with jaw tumor)|parafibromin

## Disease

- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Multiple endocrine neoplasia](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Parathyroid Neoplasms](#)