

DNAxPAb

Hard-to-Find
Antibody

COIL DNAxPab

Catalog # H00008161-W01P

Size 200 ug

Specification

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

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MAASETVRLRLQFDYPPPATPHCTAFWLLVDLNRCSVVDLISLIRQRFSGAFLGLYLEGGLL
PPAESARLVRDNDCLRVKLEERGVAENSVVISNGDINLSLRKAKKRAFQLEEGEETEPDCKYSKK
HWKSRENNNNNEKVLDELPAKAVTDQTVSKKNRKNKATCGTVGDDNEEAKRKSPKKKEKCEYK
KKAKNPKSPKVQAVKDWANQRCSSPKGSARNSLVKAKRKGSVSVCSKESPPSSSESESCDE
SISDGPSKVTLEARNSEKLPTLSKEEPSTKNTTADKLAIKLGFSLTPSKGKTS GTTSSSSDSSA
ESDDQCLMSSSTPECAAGFLKTVGLFAGRGRPGPGLSSQTAGAAGWRRSGSNGGGQAPGASP
SVSLPASLGRGWGREENLFSWKGAKGRGMRGRGRGRGHPVSCVVRSTDNQRQQQLNDVVK
NSSTIQNPVETPKKDYSLLPLLAAPQVGEKIAFKLELTSSYSPDVSDYKEGRILSHNPETQQVDI
EILSSLPALREPGKFDLVYHNENGAEVVEYAVTQESKITVFWKELIDPRLIESPSNTSSTEPA

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 — COIL

Entrez GeneID [8161](#)

GeneBank Accession# [NM_004645.2](#)

Protein Accession# [NP_004636.1](#)

Gene Name COIL

Gene Alias CLN80, p80-coilin

Gene Description coilin

Omim ID [600272](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is an integral component of Cajal bodies (also called coiled bodies). Cajal bodies are nuclear suborganelles of varying number and composition that are involved in the post-transcriptional modification of small nuclear and small nucleolar RNAs. The N-terminus of the coilin protein directs its self-oligomerization while the C-terminus influences the number of nuclear bodies assembled per cell. Differential methylation and phosphorylation of coilin likely influences its localization among nuclear bodies and the composition and assembly of Cajal bodies. This gene has pseudogenes on chromosome 4 and chromosome 14. [provided by RefSeq]

Other Designations coilin p80

Disease

- [Diabetes Mellitus](#)