

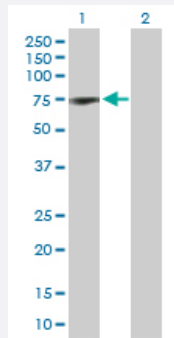
MaxPab®

COIL purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00008161-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of COIL expression in transfected 293T cell line ([H00008161-T02](#)) by COIL MaxPab polyclonal antibody.

Lane 1: COIL transfected lysate(62.60 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human COIL protein.

Immunogen

COIL (NP_004636.1, 1 a.a. ~ 576 a.a) full-length human protein.

Sequence

MAASETVRLRLQFDYPPPATPHCTAFWLLVDLNRCRVVTDLISLRQRFSGAFLGLYLEGGLL
PPAESARLVRDNDCLRVRKLEERGVAENSVVISNGDINLSLRKAKKRAFQLEEGEETEPDCKYSKK
HWKSRENNNNNEKVLDELPAKAVTDQTVSKKNKRKNKATCGTVGDDNEEAKRKSPKKKEKCEYK
KKAKNPKSPKVQAVKDWANQRCSSPKGSARNSLVKAKRKGSVSVCSKESPPSSSESESCDE
SISDGPSKVTLEARNSSSEKLPTELSKEEPSTKNNTADKLAIKLGFSLTPSKGKTS GTTSSSSDSSA
ESDDQCLMSSSTPECAAGFLKTVGLFAGRGRPGPGLSSQTAGAAGWRRSGSNGGGQAPGASP
SVSLPASLGRGWGREENLFSWKGAKGRGMRGRGRGRGHPVSCVVRSTDNQRQQQLNDVVK
NSSTIQNPVETPKKDYSLLPLLAAPQVGEKIAFKLLELTSSYSPDVSDYKEGRILSHNPETQQVDI
EILSSLPALREPGKFDLVYHNENGAEVVEYAVTQESKITVFWKELIDPRLIESPSNTSSTEPA

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (67)

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.

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- Western Blot (Transfected lysate)

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[Protocol Download](#)

Gene Info — COIL

Entrez GeneID[8161](#)**GeneBank Accession#**[NM_004645](#)**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](#)