

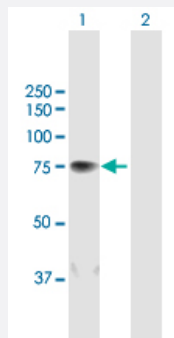
MaxPab®

COIL purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008161-B01P

Size 50 ug

Applications

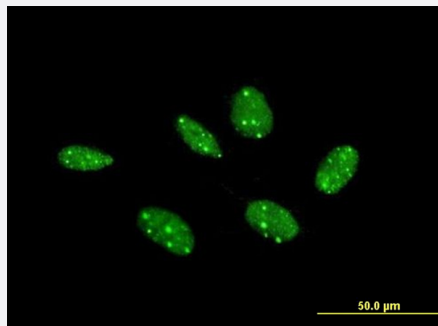


Western Blot (Transfected lysate)

Western Blot analysis of COIL expression in transfected 293T cell line ([H00008161-T01](#)) by COIL MaxPab polyclonal antibody.

Lane 1: COIL transfected lysate (63.36 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to COIL on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse 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	MAASETVRLRLQFDYPPPATPHCTAFWLLVDLNRCRVVTDLISLIRQRFGFSSGAFLGLYLEGGLL PPAESARLVRDNDCLRVKLEERGVAENSVVISNGDINLSLRKAKKRAFQLEEGEETEPDCKYSKK HWKSRENNNNNEKVLDEPKAVTDQTVSKKNKRKNKATCGTVGDDNEEAKRKSPKKKEKCEYK KKAKNPKSPKVQAVKDWANQRCSSPKGSARNSLVKAKRKGSVSVCSKESPSSSSSESESCDE SISDGPSKVTEARNSSSEKLPTELTSKEEPSTKNTTADKLAIKLGFSLTPSKGKTS GTTSSSSDSSA ESDDQCLMSSSTPECAAGFLKTVGLFAGRGRPGPGLSSQTAGAAGWRRSGSNGGGQAPGASP SVSLPASLGRGWGREENLFSWKGAKGRGMRGRGRGRGHPVSCVVRSTDNQRQQQLNDVVK NSSTIQNPVETPKKDYSLLPLLAAPQVGEKIAFKLLELTSSYSPDVSDYKEGRILSHNPETQQVDI EILSSLPALREPGKFDLVYHNENGAEVVEYAVTQESKITVFWKELIDPRLIIESPSNTSSTEPA
Host	Mouse
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.

Applications

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to COIL on HeLa cell. [antibody concentration 10 ug/ml]

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

Publication Reference

- [Regulation of the oncogenic phenotype by the nuclear body protein ZC3H8.](#)

Schmidt JA, Danielson KG, Duffner ER, Radecki SG, Walker GT, Shelton A, Wang T, Knepper JE.

BMC Cancer 2018 Jul; 18(1):759.

Application: IF, Mouse, cV1A 03–31 mouse mammary carcinoma cells

Disease

- [Diabetes Mellitus](#)