

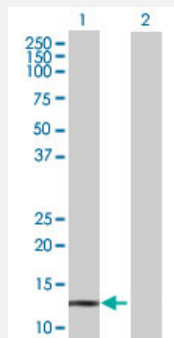
MaxPab®

POLR3K MaxPab mouse polyclonal antibody (B01)

Catalog # H00051728-B01

Size 50 uL

Applications

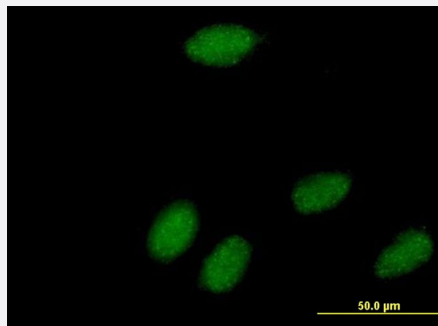


Western Blot (Transfected lysate)

Western Blot analysis of POLR3K expression in transfected 293T cell line ([H00051728-T01](#)) by POLR3K MaxPab polyclonal antibody.

Lane 1: POLR3K transfected lysate(11.99 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to POLR3K on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human POLR3K protein.
Immunogen	POLR3K (AAH11932, 1 a.a. ~ 108 a.a) full-length human protein.
Sequence	MLLFCPGCGNGLIVEEGQRCHRFACNTCPYVHNITRKVTNRKYPKLKEVDDVLGGAAAWENVDS TAESCPKCEHPRAYFMQLQTRSADEPMTTFYKCCNAQCGHRWRD
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (99); Rat (99)
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Quality Control Testing	Antibody reactive against mammalian transfected lysate.
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Storage Buffer	No additive
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Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
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Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.
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[Protocol Download](#)

- Immunofluorescence

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Gene Info — POLR3K

Entrez GeneID	51728
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GeneBank Accession#	BC011932
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Protein Accession#	AAH11932
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Gene Name	POLR3K
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Gene Alias	C11, C11-RNP3, My010, RPC10, RPC11, hRPC11
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Gene Description	polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa
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Omim ID	606007
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Gene Ontology	Hyperlink
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Gene Summary

This gene encodes a small essential subunit of RNA polymerase III, the polymerase responsible for synthesizing transfer and small ribosomal RNAs in eukaryotes. The carboxy-terminal domain of this subunit shares a high degree of sequence similarity to the carboxy-terminal domain of an RNA polymerase II elongation factor. This similarity in sequence is supported by functional studies showing that this subunit is required for proper pausing and termination during transcription. [provided by RefSeq]

Other Designations

DNA directed RNA polymerase III polypeptide K|RNA polymerase III subunit (hRPC11)|RNA polymerase III subunit CII

Pathway

- [Metabolic pathways](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)
- [RNA polymerase](#)