

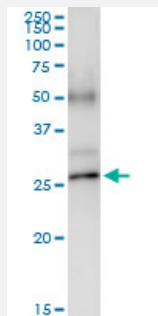
MaxPab®

POLR2E MaxPab rabbit polyclonal antibody (D01)

Catalog # H00005434-D01

Size 100 uL

Applications



Immunoprecipitation

Immunoprecipitation of POLR2E transfected lysate using anti-POLR2E MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with POLR2E purified MaxPab mouse polyclonal antibody (B01P) ([H00005434-B01P](#)).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human POLR2E protein.
Immunogen	POLR2E (NP_002686.2, 1 a.a. ~ 210 a.a) full-length human protein.
Sequence	MDDEEETYRLWKIRKTIMQLCHDRGYLVTQDELDQTLEEFKAQFGDKPSEGRPRRTDLTVLVAHN DDPTDQMFVFFPEEPKVGIKTIKVYCQRMQEENITRALIVVQQGMTPSAKQSLVDMAPKYILEQFL QQELLINITEHELVPEHVMTKEEVTELLARYKLRENQLPRIQAGDPVARYFGIKRGQVVKIIRPSET AGRYITYRLVQ
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — POLR2E

Entrez GeneID [5434](#)

GeneBank Accession# [NM_002695.2](#)

Protein Accession# [NP_002686.2](#)

Gene Name POLR2E

Gene Alias RPABC1, RPB5, XAP4, hRPB25, hsRPB5

Gene Description polymerase (RNA) II (DNA directed) polypeptide E, 25kDa

Omim ID [180664](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the fifth largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This subunit is shared by the other two DNA-directed RNA polymerases and is present in two-fold molar excess over the other polymerase subunits. An interaction between this subunit and a hepatitis virus transactivating protein has been demonstrated, suggesting that interaction between transcriptional activators and the polymerase can occur through this subunit. A pseudogene is located on chromosome 11. [provided by RefSeq]

Other Designations DNA directed RNA polymerase II 23 kda polypeptide|DNA directed RNA polymerase II polypeptide E|polymerase (RNA) II (DNA directed) polypeptide E (25kD)

Pathway

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

- [RNA polymerase](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Occupational Diseases](#)
- [Urinary Bladder Neoplasms](#)