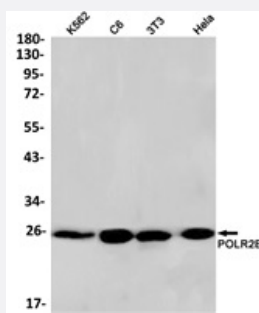


RecomAb™

POLR2E recombinant monoclonal antibody, clone R05-8J5

Catalog # RAB04868 Size 100 uL

Applications



Western Blot (Cell lysate)

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human POLR2E.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human POLR2E.
Theoretical MW (kDa)	25
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Gene Info — POLR2E

Entrez GeneID	5434
Protein Accession#	P19388
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](#)