

Immunotag™ POLR1E Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3810
Product Description	Immunotag™ POLR1E Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	POLR1E
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from the Internal region of human POLR1E.
Specificity	POLR1E Polyclonal Antibody detects endogenous levels of POLR1E protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	POLR1E
Accession No.	Q9GZS1 Q8K202
Alternate Names	POLR1E; PAF53; PRAF1; DNA-directed RNA polymerase I subunit RPA49; RNA polymerase I subunit A49; DNA-directed RNA polymerase I subunit E; RNA polymerase I-associated factor 1; RNA polymerase I-associated factor 53

Antibody Specification

Description	function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors. Appears to be involved in the formation of the initiation complex at the promoter by mediating the interaction between Pol I and UBTF/UBF.,similarity:Belongs to the eukaryotic RPA49/POLR1E RNA polymerase subunit family.,subunit:Component of the RNA polymerase I (Pol I) complex consisting of at least 13 subunits (By similarity). Interacts with PAF49/CD3EAP. Also binds UBTF/UBF.,
Cell Pathway/ Category	Purine metabolism,Pyrimidine metabolism,RNA polymerase,
Protein Expression	Cervix,Lung,Placenta,
Subcellular Localization	nucleus,nucleoplasm,nucleolus,DNA-directed RNA polymerase I complex,
Protein Function	function:DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors. Appears to be involved in the formation of the initiation complex at the promoter by mediating the interaction between Pol I and UBTF/UBF.,similarity:Belongs to the eukaryotic RPA49/POLR1E RNA polymerase subunit family.,subunit:Component of the RNA polymerase I (Pol I) complex consisting of at least 13 subunits (By similarity). Interacts with PAF49/CD3EAP. Also binds UBTF/UBF.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.