

# Immunotag™ POLR2E Antibody

Antibody Specification	
Catalog No.	ITA6675
Product Description	Immunotag™ POLR2E Antibody
Size	100 µg, 200 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	POLR2E
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human POLR2E
Specificity	POLR2E Antibody detects endogenous levels of total POLR2E
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	POLR2E
Accession No.	P19388

## Antibody Specification

Alternate Names	and III subunit ABC1; and III subunit RPABC1; DNA directed RNA polymerase II 23 kda polypeptide; DNA directed RNA polymerase II 23 kDa polypeptide; DNA directed RNA polymerase II polypeptide E; DNA directed RNA polymerase II subunit E; DNA directed RNA polymerases I II and III subunit RPABC1; DNA-directed RNA polymerase II 23 kDa polypeptide; DNA-directed RNA polymerase II subunit E; DNA-directed RNA polymerases I; hRPB25; hsRPB5; II; Polr2e; Polymerase (RNA) II (DNA directed) polypeptide E (25kD); Polymerase (RNA) II (DNA directed) polypeptide E, 25kDa; RNA polymerases I; RNA polymerases I, II, and III subunit ABC1; RPAB1_HUMAN; RPABC1; RPB5; RPB5 homolog; XAP4;
Description	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Common component of RNA polymerases I, II and III which synthesize ribosomal RNA precursors, mRNA precursors and many functional non-coding RNAs, and small RNAs, such as 5S rRNA and tRNAs, respectively. Pol II is the central component of the basal RNA polymerase II transcription machinery. Pols are composed of mobile elements that move relative to each other. In Pol II, POLR2E/RPB5 is part of the lower jaw surrounding the central large cleft and thought to grab the incoming DNA template. Seems to be the major component in this process (By similarity).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	24kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.