

# Immunotag™ POLR2I Antibody

Antibody Specification	
Catalog No.	ITA6748
Product Description	Immunotag™ POLR2I 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	POLR2I
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human POLR2I
Specificity	POLR2I Antibody detects endogenous levels of total POLR2I
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	POLR2I
Accession No.	P36954
Alternate Names	DNA directed RNA polymerase II 14.5 kDa polypeptide; DNA directed RNA polymerase II polypeptide I; DNA directed RNA polymerase II subunit I; DNA directed RNA polymerase II subunit RPB9; DNA-directed RNA polymerase II subunit I; DNA-directed RNA polymerase II subunit RPB9; hRPB14.5; POLR2I; Polymerase (RNA) II (DNA directed) polypeptide I 14.5kDa; RNA polymerase II 14.5 kDa subunit; RNA polymerase II subunit B9; RPB14.5; RPB9; RPB9_HUMAN;

## Antibody Specification

Description	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase II which synthesizes mRNA precursors and many functional non-coding RNAs. Pol II is the central component of the basal RNA polymerase II transcription machinery. It is composed of mobile elements that move relative to each other. RPB9 is part of the upper jaw surrounding the central large cleft and thought to grab the incoming DNA template (By similarity).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	15kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.