Immunotag™ RPB3 Polyclonal Antibody

Antibody Specification

Catalog No.	ITN0658
Product Description	Immunotag™ RPB3 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	RPB3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	RPB3 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	POLR2C A-152E5.7
Accession No.	P19387 P97760
Description	RNA polymerase II subunit C(POLR2C) Homo sapiens This gene encodes the third largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene contains a cysteine rich region and exists as a heterodimer with another polymerase subunit, POLR2J. These two subunits form a core subassembly unit of the polymerase. A pseudogene has been identified on chromosome 21. [provided by RefSeq, Jul 2008],

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Cell Pathway/ Category	Purine metabolism,Pyrimidine metabolism,RNA polymerase,Huntington's disease,
Protein Expression	Brain,Embryonic kidney,Kidney,Muscle,Skeletal muscle,
Subcellular Localization	nucleus,nucleoplasm,DNA-directed RNA polymerase II, core complex,cytoplasm,microtubule cytoskeleton,
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 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. RPB3 is part of the core element with the central large cleft and the clamp element that moves to open and close the cleft.,similarity:Belongs to the archaeal rpoD/eukaryotic RPB3 RNA polymerase subunit family.,subunit:Component of the RNA polymerase II (Pol II) complex consisting of 12 subunits. RPB11/POLR2J and RPB3/POLR2C subunits interact with each other.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.