Immunotag™ RPC6 Antibody

Antibody Specification

Catalog No.	ITA9201
Product Description	Immunotag™ RPC6 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	RPC6
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human RPC6
Specificity	RPC6 Antibody detects endogenous levels of total RPC6
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	POLR3F
Accession No.	Q9H1D9

Antibody Specification

Alternate Names	DNA directed RNA polymerase III 39 kDa polypeptide; DNA directed RNA polymerase III 39 kDa polypeptide F; DNA directed RNA polymerase III subunit F; DNA directed RNA polymerase III subunit RPC6; DNA directed RNA polymerases III 39 kDa polypeptide; DNA-directed RNA polymerase III subunit F; DNA-directed RNA polymerase III subunit RPC6; MGC13517; Polr3f; Polymerase (RNA) III (DNA directed) polypeptide F; RNA polymerase III 39 kDa subunit; RNA polymerase III C39 subunit; RNA polymerase III subunit C6; RPC 39; RPC 6; RPC39; RPC6; RPC6_HUMAN;
Description	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific peripheric component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. May direct RNA Pol III binding to the TFIIIB-DNA complex. Plays a key role in sensing and limiting infection by intracellular bacteria and DNA viruses. Acts as nuclear and cytosolic DNA sensor involved in innate immune response. Can sense non-self dsDNA that serves as template for transcription into dsRNA. The non-self RNA polymerase III transcripts, such as Epstein-Barr virus-encoded RNAs (EBERs) induce type I interferon and NF- Kappa-B through the RIG-I pathway. Preferentially binds double-stranded DNA (dsDNA) (PubMed:21358628).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	36 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.