

Immunotag™ RNase III Drosha Antibody

Antibody Specification	
Catalog No.	ITA8342
Product Description	Immunotag™ RNase III Drosha 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	RNase III Drosha
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 RNase III Drosha
Specificity	RNase III Drosha Antibody detects endogenous levels of total RNase III Drosha
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	DROSHA
Accession No.	Q9NRR4
Alternate Names	DROSHA; Drosha double stranded RNA specific endoribonuclease; Drosha ribonuclease type III; Etohi2; HSA242976; Nuclear RNase III Drosha; p241; Protein Drosha; Putative protein p241 which interacts with transcription factor Sp1; Putative ribonuclease III; RANSE3L; Ribonuclease 3; Ribonuclease III; Ribonuclease III nuclear; Ribonuclease type III nuclear; Ribonucleaselll; RN 3; RN3; RNase 3; RNase III; RNase3; RNASE3L; RNaseIII; RNASEN; RNC_HUMAN;

Antibody Specification

Description	Ribonuclease III double-stranded (ds) RNA-specific endoribonuclease that is involved in the initial step of microRNA (miRNA) biogenesis. Component of the microprocessor complex that is required to process primary miRNA transcripts (pri-miRNAs) to release precursor miRNA (pre-miRNA) in the nucleus. Within the microprocessor complex, DROSHA cleaves the 3' and 5' strands of a stem-loop in pri-miRNAs (processing center 11 bp from the dsRNA-ssRNA junction) to release hairpin-shaped pre-miRNAs that are subsequently cut by the cytoplasmic DICER to generate mature miRNAs. Involved also in pre-rRNA processing. Cleaves double-strand RNA and does not cleave single-strand RNA. Involved in the formation of GW bodies.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	159 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.