

Immunotag™ RNLS Antibody

Antibody Specification	
Catalog No.	ITA8000
Product Description	Immunotag™ RNLS 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	RNLS
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:1000-3000 IHC 1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human RNLS
Specificity	RNLS Antibody detects endogenous levels of total RNLS
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	RNLS
Accession No.	Q5VYX0
Alternate Names	6530404N21Rik; AI452315; AW060440; C10orf59; Chromosome 10 open reading frame 59; FLJ11218; HGNC:25641; Hypothetical protein LOC55328; MAO C; MAO-C; mMAO C; Monoamine oxidase C; Monoamine oxidase-C; Renalase; Renalase FAD dependent amine oxidase; RNLS; RNLS_HUMAN;

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Description	Catalyzes the oxidation of the less abundant 1,2-dihydro-beta-NAD(P) and 1,6-dihydro-beta-NAD(P) to form beta-NAD(P)+. The enzyme hormone is secreted by the kidney, and circulates in blood and modulates cardiac function and systemic blood pressure. Lowers blood pressure in vivo by decreasing cardiac contractility and heart rate and preventing a compensatory increase in peripheral vascular tone, suggesting a causal link to the increased plasma catecholamine and heightened cardiovascular risk. High concentrations of catecholamines activate plasma renalase and promotes its secretion and synthesis.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	38 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.