

Immunotag™ ATP1B1 Antibody

Antibody Specification	
Catalog No.	ITA7533
Product Description	Immunotag™ ATP1B1 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	ATP1B1
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 ATP1B1
Specificity	ATP1B1 Antibody detects endogenous levels of total ATP1B1
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	ATP1B1
Accession No.	P05026
Alternate Names	Adenosinetriphosphatase; AT1B1_HUMAN; ATP 1B; ATP1B; ATP1B1; ATPase Na+/K+ transporting beta 1 polypeptide; Atpb 1; ATPBS; Beta 1 subunit of Na(+) K(+) ATPase; Na K ATPase beta 1 polypeptide; Na+/K+ ATPase beta 1 subunit; Sodium/potassium dependent ATPase beta 1 subunit; Sodium/potassium transporting ATPase beta 1 chain; Sodium/potassium transporting ATPase subunit beta 1; Sodium/potassium-dependent ATPase subunit beta-1; Sodium/potassium-transporting ATPase subunit beta-1;

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Description	This is the non-catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of Na ⁺ and K ⁺ ions across the plasma membrane. The beta subunit regulates, through assembly of alpha/beta heterodimers, the number of sodium pumps transported to the plasma membrane.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	35kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.