

# Immunotag™ V-ATPase H Antibody

Antibody Specification	
Catalog No.	ITA2269
Product Description	Immunotag™ V-ATPase H 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	V-ATPase H
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:1000 IHC 1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human V-ATPase H
Specificity	V-ATPase H Antibody detects endogenous levels of total V-ATPase H
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	ATP6V1H
Accession No.	Q9UI12
Alternate Names	Atp6v1h; ATPase, H+ transporting, lysosomal 50/57kDa, V1 subunit H; CGI 11; CGI11; EC 3.6.3.14; MSTP042; NBP1; Nef binding protein 1; Nef-binding protein 1; Protein VMA13 homolog; SFD; SFDalpha; SFDbeta; V ATPase subunit H; V-ATPase 50/57 kDa subunits; V-ATPase subunit H; V-type proton ATPase subunit H; Vacuolar ATP synthase subunit H; Vacuolar proton pump subunit H; Vacuolar proton pump subunit SFD; VATH_HUMAN; VMA13;

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Description	Subunit of the peripheral V1 complex of vacuolar ATPase. Subunit H activates the ATPase activity of the enzyme and couples ATPase activity to proton flow. Vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells, thus providing most of the energy required for transport processes in the vacuolar system (By similarity). Involved in the endocytosis mediated by clathrin-coated pits, required for the formation of endosomes.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	55kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.