

[Go to Product page](#)

Datasheet for ABIN6287269

anti-ATP6V1H antibody (Internal Region)

Overview

Quantity:	50 µL
Target:	ATP6V1H
Binding Specificity:	AA 310-390, Internal Region
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP6V1H antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	V-ATPase H is a protein encoded by the ATP6V1H gene which is approximately 55,9 kDa. V-ATPase H is localised to the cytosol. It is involved in insulin receptor recycling and innate immune system. It is a multi-subunit enzyme that mediates acidification of intracellular organelles. V-ATPase-dependent organelle acidification is necessary for multiple processes including protein sorting, zymogen activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. Subunit H activates the ATPase activity of the enzyme and couples ATPase activity to proton flow. V-ATPase H is widely expressed. Mutations in the ATP6V1H gene may result in an involvement in the HIV life cycle. STJ96226 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of V-ATPase H protein.
Immunogen:	Synthesized peptide derived from human V-ATPase H
Isotype:	IgG

Product Details

Specificity:	V-ATPase H Polyclonal Antibody detects endogenous levels of V-ATPase H protein.
Characteristics:	Rabbit polyclonal to V-ATPase H.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	ATP6V1H
Alternative Name:	V-ATPase H (ATP6V1H Products)
Molecular Weight:	55 kDa
Gene ID:	51606
UniProt:	Q9UI12
Pathways:	Transition Metal Ion Homeostasis , Proton Transport

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:100-1:300 ELISA 1:20000
Comment:	Widely expressed.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.