

Anti-ATP6V0D1 antibody

Cat. No.	ml224876
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-ATP6V0D1 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human ATP6V0D1
Reactivity	Human, Mouse
Content	0.66 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ATP6V0D1
Full name	ATPase H ⁺ transporting V0 subunit d1
Synonyms	P39; VATX; VMA6; ATP6D; ATP6DV; VPATPD
Swissprot	P61421

Target Background

This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, receptor-mediated endocytosis, and synaptic vesicle proton gradient generation. V-ATPase is composed of a cytosolic V1 domain and a transmembrane V0 domain. The V1 domain consists of three A and three B subunits, two G subunits plus the C, D, E, F, and H subunits. The V1 domain contains the ATP catalytic site. The V0 domain consists of five different subunits: a, c, c', c'', and d. Additional isoforms of many of the V1 and V0 subunit proteins are encoded by multiple genes or alternatively spliced transcript variants. This encoded protein is known as the D subunit and is found ubiquitously.

订购热线: 4008-898-798

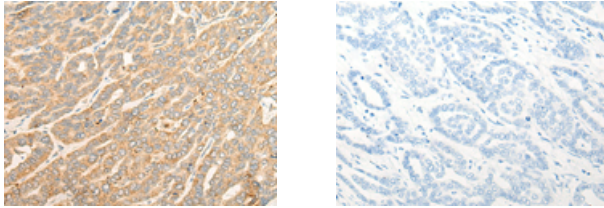
Applications

Immunohistochemistry

Predicted cell location: Cell membrane and Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml224876(ATP6V0D1 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 5000-10000

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