

产品名称: ATP6V0D1 Rabbit Monoclonal Antibody
产品货号: AMRe87752



产品概述 (Summary)

产品名称 (Production Name)	ATP6V0D1 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC,IP
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ATP6V0D1
别名 (Alternative Names)	P39; VATX; VMA6; ATP6D; ATP6DV; VPATPD
基因 ID (Gene ID)	9114
蛋白 ID (SwissProt ID)	P61421.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:200,ICC/IF 1:100-1:200,FC 1:50-1:200,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW:40 kDa; Observed MW:40 kDa

研究背景 (Background)

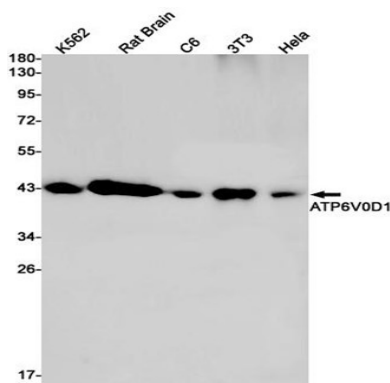
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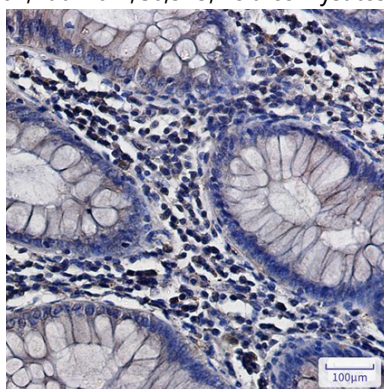
This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, receptor-mediated endocytosis, 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. [provided by RefSeq, Jul 2008]

研究领域 (Research Area)

图片 (Image Data)

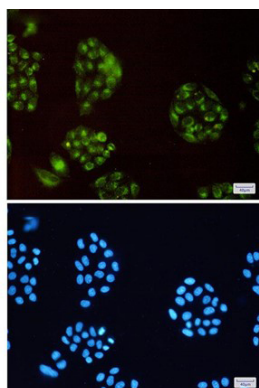


Western blot detection of ATP6V0D1 in K562, Rat Brain, C6, 3T3, HeLa cell lysates using ATP6V0D1 antibody (1:1000 diluted).

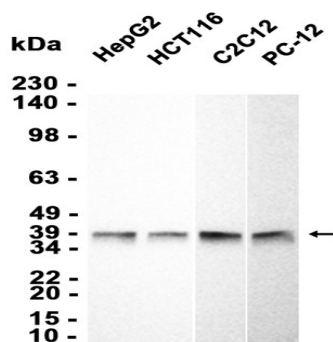


Immunohistochemical analysis of paraffin-embedded human colon cancer using AMRe87752 antibody.

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Immunofluorescent analysis of HeLa cells using AMRe87752 antibody (green), and DAPI (blue).



Western blot analysis of extracts from HepG2, HCT116, C2C12, PC-12 cells using AMRe87752 at 1:1000.

注意事项 (Note)

For research use only .