

Product Name: ATP6V0D1 Rabbit Monoclonal Antibody
Catalog #: AMRe87752



Summary

Production Name	ATP6V0D1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, IHC-P, ICC/IF, FC, IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	ATP6V0D1
Alternative Names	P39; VATX; VMA6; ATP6D; ATP6DV; VPATPD
Gene ID	9114
SwissProt ID	P61421.

Application

Dilution Ratio	WB: 1:1000 IHC-P: 1:100 ICC/IF: 1:100-1:200 FC: 1:100 IP: 1:20-1:50
Molecular Weight	Calculated MW:40 kDa; Observed MW:40 kDa

Background

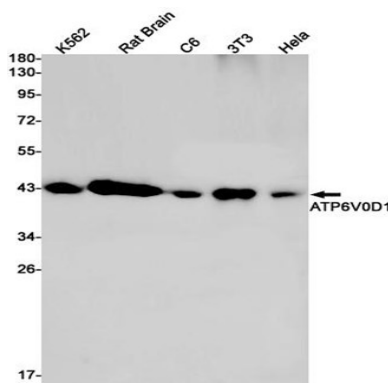
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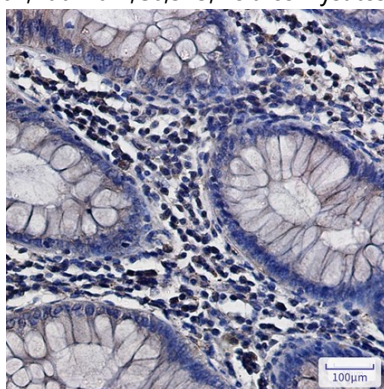
This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, receptor-mediated endocytosis,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

Research Area

Image Data

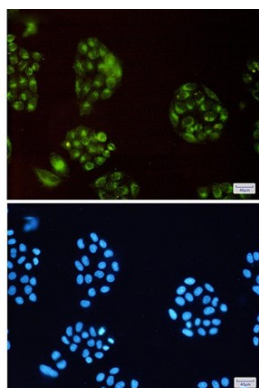


Western blot detection of ATP6V0D1 in K562,Rat Brain,C6,3T3,HeLa cell lysates using ATP6V0D1 antibody(1:1000 diluted).

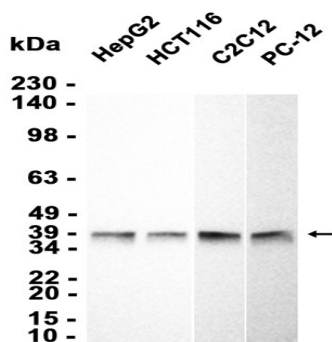


Immunohistochemical analysis of paraffin-embedded human colon cancer using AMRe87752 antibody.

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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.

Note

For research use only.