

ATP6V0D1 Recombinant Rabbit mAb

Catalog: BS49898

Host: Rabbit

Reactivity: Human, Mouse, Rat

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. [provided by RefSeq, Jul 2008]

Product:

1mg/ml in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA.

Molecular Weight:

40 kDa

Swiss-Prot:

P61421

Purification&Purity:

Affinity Purification

Applications:

WB: 1:1000 IHC-P: 1:200 ICC/IF:

1:200-1:500 FC: 1:200-1:1000 IP: 1:50

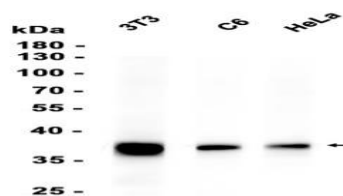
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

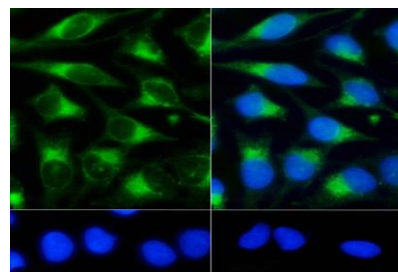
Specificity:

The antibody detects endogenous levels of it.

DATA:



Western blot analysis of extracts from 3T3, C6, HeLa cells using it at 1:1000.



Note:

For research use only, not for use in diagnostic procedure.

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