Recombinant DGRmAb®

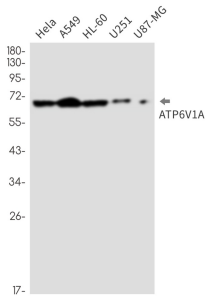
ATP6V1A (DGR33452) Rabbit mAb

db13304 **Package : 10μL 20μL 50μL 100μL**

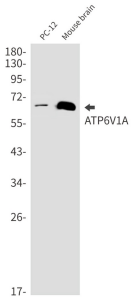
Product Name : ATP6V1A (DGR33452) Rabbit mAb
Cat.No.: db13304
Synonyms : HO68; VA68; VPP2; Vma1; ARCL2D; ATP6A1; lECEE3; ATP6V1A1
Application : WB, IHC-P, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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 one of two V1 domain A subunit isoforms and is found in all tissues. Transcript variants derived from alternative polyadenylation exist. [provided by RefSeq, Jul 2008]
Immunogen	Recombinant protein of human ATP6V1A
Gene ID	523
Swiss Prot	P38606
Synonyms	HO68; VA68; VPP2; Vma1; ARCL2D; ATP6A1; lECEE3; ATP6V1A1
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, IP
Recommended dilution	WB: 1:1000 IHC-P: 1:200-1:500 IP: 1:50
Calculated MW	68 kDa
Observed MW	68 kDa
Host species	Rabbit

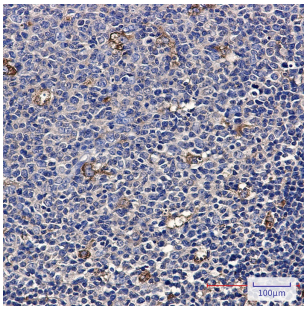
Clonality	Monoclonal
Clonality No.	DGR33452
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of ATP6V1A in Hela,A549,HL-60,U251,U87-MG cell lysates using ATP6V1A antibody(1:1000 diluted).



Western blot analysis of ATP6V1A in PC-12, mouse brain lysates using ATP6V1A antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil using db13304 antibody.