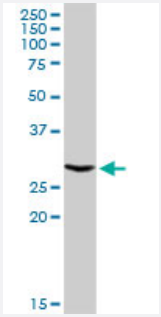
MaxPab®

ATP6V1E1 purified MaxPab rabbit polyclonal antibody (D01P)

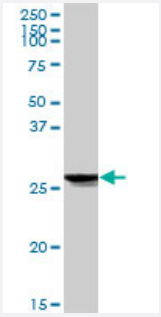
Catalog # H00000529-D01P Size 100 ug

Applications



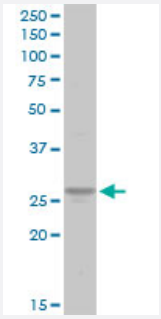
Western Blot (Tissue lysate)

ATP6V1E1 MaxPab rabbit polyclonal antibody. Western Blot analysis of ATP6V1E1 expression in human kidney.



Western Blot (Tissue lysate)

ATP6V1E1 MaxPab rabbit polyclonal antibody. Western Blot analysis of ATP6V1E1 expression in mouse lung.



Western Blot (Cell lysate)

ATP6V1E1 MaxPab rabbit polyclonal antibody. Western Blot analysis of ATP6V1E1 expression in Jurkat.

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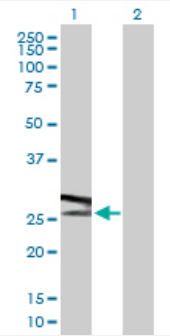

Western Blot (Transfected lysate)

Western Blot analysis of ATP6V1E1 expression in transfected 293T cell line (H00000529-T04) by ATP6V1E1 MaxPab polyclonal antibody.

Lane 1: ATP6V1E1 transfected lysate(26.10 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ATP6V1E1 protein.
Immunogen	ATP6V1E1 (NP_001687.1, 1 a.a. ~ 226 a.a) full-length human protein.
Sequence	MALSDADVQKQIKHMMAFIEQEANEKAEEIDAKAEEEFNIEKGRLVQTQRLKIMEYYEKKEKQIEQ QKKIQMSNLMNQARLKVLRARDDLITDLLNEAKQRLSKVVKDTTRYQVLLDGLVLQGLYQLLEPRM IVRCRKQDFPLVKAAVQKAIPMYKIATKNDVDVQIDQESYLPEDIAGGVEIYNGDRKIKVSNTLESRL DLIAQQMMPEVRGALFGANANRKFLD
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

  ATP6V1E1 MaxPab rabbit polyclonal antibody. Western Blot analysis of ATP6V1E1 expression in human kidney.

  Protocol Download

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- Western Blot (Tissue lysate)

  ATP6V1E1 MaxPab rabbit polyclonal antibody. Western Blot analysis of ATP6V1E1 expression in mouse lung.

  Protocol Download

- Western Blot (Cell lysate)

  ATP6V1E1 MaxPab rabbit polyclonal antibody. Western Blot analysis of ATP6V1E1 expression in Jurkat.

  Protocol Download

- Western Blot (Transfected lysate)

  Western Blot analysis of ATP6V1E1 expression in transfected 293T cell line (H00000529-T04) by ATP6V1E1 MaxPab polyclonal antibody.

  Lane 1: ATP6V1E1 transfected lysate(26.10 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — ATP6V1E1

Entrez GeneID	529
GeneBank Accession#	NM_001696.3
Protein Accession#	NP_001687.1
Gene Name	ATP6V1E1
Gene Alias	ATP6E, ATP6E2, ATP6V1E, P31, Vma4
Gene Description	ATPase, H+ transporting, lysosomal 31kDa, V1 subunit E1
Omim ID	108746
Gene Ontology	Hyperlink
Gene Summary	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, three B, and two G subunits, as well as a C, D, E, F, and H subunit. The V1 domain contains the ATP catalytic site. This gene encodes alternate transcriptional splice variants, encoding different V1 domain E subunit isoforms. Pseudogenes for this gene have been found in the genome. [provided by RefSeq

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Other Designations	ATPase, H+ transporting, lysosomal (vacuolar proton pump) 31kD|H(+)-transporting two-sector ATPase, 31kDa subunit|H+-transporting ATP synthase chain E, vacuolar|V-ATPase, subunit E|vacuolar H+ ATPase E1

Pathway

- Epithelial cell signaling in Helicobacter pylori infection
- Metabolic pathways
- Oxidative phosphorylation
- Vibrio cholerae infection

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