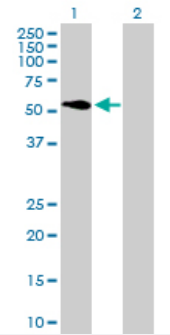
MaxPab®

ATP6V1H purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00051606-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ATP6V1H expression in transfected 293T cell line (H00051606-T01) by ATP6V1H MaxPab polyclonal antibody.

Lane 1: ATP6V1H transfected lysate(53.13 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ATP6V1H protein.
Immunogen	ATP6V1H (NP_057025.2, 1 a.a. ~ 483 a.a) full-length human protein.
Sequence	MTKMDIRGAVDAAVPTNIIAAKAAEVRANKVNWQSYLQGQMISAEDCEFIQRFEMKRSPEEKQEM LQTEGSQCAKTFINLMTHICKEQTVQYILTMVDDMLQENHQRVSIFFDYARCSKNTAWPYFLPMLN RQDPFTVHMAARIIAKLAAWGKELMEGSDLNYYFNWIKTQLSSQKLRGSGVAVETGTVSSSDSSQ YVQCVAGCLQLMLRVNEYRFAWVEADGVNCIMGVLSNKCGFQLQYQMIFSIWLLAFSPQMCEHL RRYNIIPVLSDILQESVKEKVTRIILAAFRNFLEKSTERETRQEYALAMIQCKVLKQLENLEQQKYDD EDISEDIKFLLEKLGESVQDLSSFDEYSSELKSGRLEWSPVHKSEKFWRENAVRLNEKNYELLKIL TKLLEVSDDPQVLAVAAHDVGEYVRHYPRGKRVIEQLGGKQLVMNHMHHEDQQVRYNALLAVQK LMVHNWEYLGKQLQSEQPQTAAARS
Host	Mouse
Reactivity	Human
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.

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  Protocol Download

Gene Info — ATP6V1H

Entrez GeneID	51606
GeneBank Accession#	NM_015941
Protein Accession#	NP_057025.2
Gene Name	ATP6V1H
Gene Alias	CGI-11, MSTP042, NBP1, SFD, SFDalpha, SFDbeta, VMA13
Gene Description	ATPase, H+ transporting, lysosomal 50/57kDa, V1 subunit H
Omim ID	608861
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 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 gene encodes the regulatory H subunit of the V1 domain which is required for catalysis of ATP but not the assembly of V-ATPase. Three alternatively spliced transcript variants encode two isoforms of the H subunit. [provided by RefSeq
Other Designations	ATPase, H+ transporting, lysosomal 50/57kD, V1 subunit H|V-ATPase H subunit|vacuolar ATP synthase subunit H|vacuolar ATPase subunit H|vacuolar proton pump H subunit

Pathway

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