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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ATP6V1G2 polyclonal antibody (A01)

Catalog # : H00000534-A01

規格 : [50 uL]

List All

Specification

Product Description: Mouse polyclonal antibody raised against a partial recombinant ATP6V1G2.

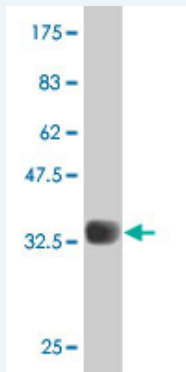
Immunogen: ATP6V1G2 (NP_569730, 41 a.a. ~ 118 a.a) partial recombinant protein with GST tag.

Sequence: QMEVEQYRREREHEFQSKQQAAMGSQGNLSAEVEQATRRQVQGMQS
SQQRNRERVLAQLLGMVCDVRPQVHPNYRISA

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (34.69 kDa) .

Storage Buffer: 50 % glycerol

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [534](#)

GeneBank Accession#: [NM_130463](#)

Protein [NP_569730](#)

Accession#:

Gene Name: ATP6V1G2

Gene Alias: ATP6G,ATP6G2,NG38,VMA10

Gene Description: ATPase, H⁺ transporting, lysosomal 13kDa, V1 subunit G2

Omim ID: [606853](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes a component of vacuolar ATPase (V-ATPase), a multisubunit enzyme that mediates acidification of intracellular compartments of eukaryotic cells. V-ATPase dependent 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 three V1 domain G subunit proteins. This gene had previous gene symbols of ATP6G and ATP6G2. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]

Other Designations: ATPase, H⁺ transporting, lysosomal (vacuolar proton pump) subunit G,ATPase, H⁺ transporting, lysosomal, V1 subunit G2,H(+)-transporting two-sector ATPase, subunit G2,OTTHUMP00000029286,OTTHUMP00000036058,OTTHUMP00000036060,V-ATPase 13 kDa subunit 2,V-ATPa

Gene Pathway

[Epithelial cell signaling in Helicobacter pylori infection](#) [Metabolic pathways](#)
[Oxidative phosphorylation](#) [Vibrio cholerae infection](#)

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