

ATP5H Antibody (aa111-160)
Rabbit Polyclonal Antibody
Catalog # ALS15909**Specification**

ATP5H Antibody (aa111-160) - Product Information

Application	IHC, WB
Primary Accession	O75947
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18kDa KDa

ATP5H Antibody (aa111-160) - Additional Information**Gene ID** 10476**Other Names**

ATP synthase subunit d, mitochondrial, ATPase subunit d, ATP5H

Target/Specificity

ATP5H Antibody detects endogenous levels of total ATP5H protein.

Reconstitution & Storage

Store at -20°C for up to one year.

Precautions

ATP5H Antibody (aa111-160) is for research use only and not for use in diagnostic or therapeutic procedures.

ATP5H Antibody (aa111-160) - Protein Information**Name** ATP5PD ([HGNC:845](#))**Synonyms** ATP5H**Function**

Mitochondrial membrane ATP synthase (F(1)F(0) ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F(1) - containing the extramembraneous catalytic core, and F(0) - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F(1) is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F(0) domain and the peripheral stalk, which acts as a stator to hold the catalytic alpha(3)beta(3) subcomplex and subunit a/ATP6 static relative to the rotary elements.

Cellular Location

Mitochondrion. Mitochondrion inner membrane.

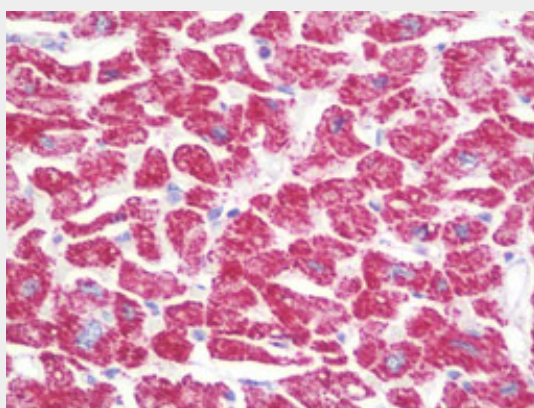
Volume
50 µl

ATP5H Antibody (aa111-160) - Protocols

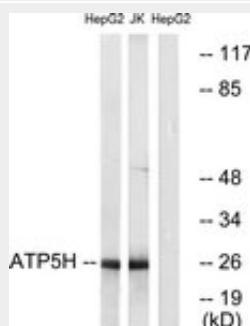
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ATP5H Antibody (aa111-160) - Images



Anti-ATP5H antibody IHC staining of human heart.



Western blot of extracts from HepG2/Jurkat cells, using ATP5H Antibody.

ATP5H Antibody (aa111-160) - Background

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the catalytic domain of F(1) is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F(0) domain and the peripheric stalk, which acts as a stator to hold the catalytic $\alpha(3)\beta(3)$ subcomplex and subunit a/ATP6 static relative to the rotary elements.

ATP5H Antibody (aa111-160) - References

Lee H.C.,et al.Submitted (AUG-1998) to the EMBL/GenBank/DDBJ databases.
Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).
Mao Y.M.,et al.Submitted (APR-1998) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.