

C14orf2 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS16858**Specification**

C14orf2 Antibody - Product Information

Application	IHC, WB
Primary Accession	P56378
Other Accession	9556
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	6662

C14orf2 Antibody - Additional Information**Gene ID** 9556**Other Names**

C14orf2, PLPM, MP68

Target/Specificity

Human C14orf2

Reconstitution & Storage

PBS, pH 7.4, 0.03% Proclin 300, 50% glycerol. Aliquot and store at -20°C or -80°C. Avoid freeze-thaw cycles.

Precautions

C14orf2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

C14orf2 Antibody - Protein Information**Name** ATP5MJ ([HGNC:1188](#))**Synonyms** ATP5MPL, C14orf2, MP68**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 (Probable). Minor subunit required to maintain the ATP synthase population in the mitochondria (PubMed:24330338).

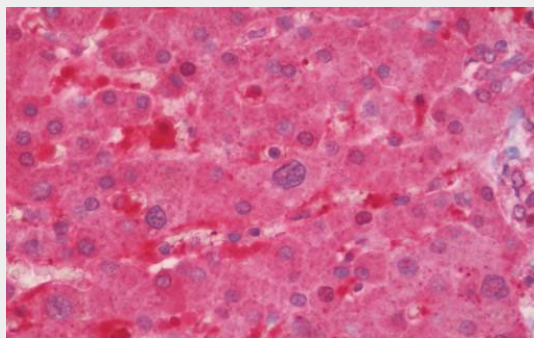
Cellular Location

Mitochondrion membrane; Single-pass membrane protein

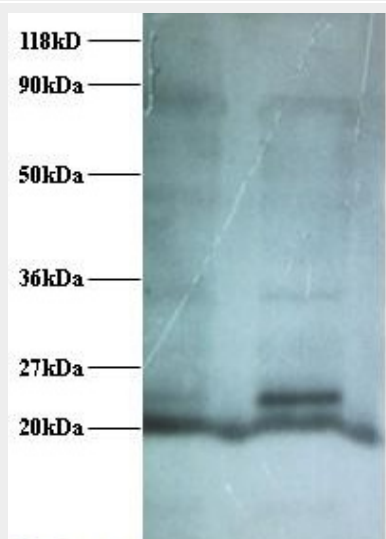
C14orf2 Antibody - Protocols

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](#)

C14orf2 Antibody - Images

Anti-C14orf2 antibody IHC staining of human liver.



Western blot of 6.8 kDa mitochondrial proteolipid antibody at 2 ug/ml.

C14orf2 Antibody - References

Mao M., et al. Proc. Natl. Acad. Sci. U.S.A. 95:8175-8180(1998).
Zhang C., et al. Submitted (DEC-1998) to the EMBL/GenBank/DDBJ databases.

Li W.B.,et al.Submitted (JAN-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Heilig R.,et al.Nature 421:601-607(2003).