

FH / Fumarase / MCL Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS13701**Specification**

FH / Fumarase / MCL Antibody (Internal) - Product Information

Application	WB, IHC-P, E
Primary Accession	P07954
Reactivity	Human, Mouse, Rat, Zebrafish, Hamster, Monkey, Pig, Chicken, Sheep, Horse, Xenopus, Bovine, Dog, Drosophila
Host	Goat
Clonality	Polyclonal
Calculated MW	55kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

FH / Fumarase / MCL Antibody (Internal) - Additional Information**Gene ID** 2271**Other Names**

Fumarate hydratase, mitochondrial, Fumarase, 4.2.1.2, FH

Target/Specificity

Human FH / Fumarate hydratase.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

FH / Fumarase / MCL Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

FH / Fumarase / MCL Antibody (Internal) - Protein Information**Name** FH {ECO:0000303|PubMed:27037871, ECO:0000312|HGNC:HGNC:3700}**Function**

Catalyzes the reversible stereospecific interconversion of fumarate to L-malate (PubMed:30761759). Experiments in other species have demonstrated that specific isoforms of this protein act in defined pathways and favor one direction over the other (Probable).

Cellular Location

[Isoform Mitochondrial]: Mitochondrion

Tissue Location

Expressed in red blood cells; underexpressed in red blood cells (cytoplasm) of patients with hereditary non-spherocytic hemolytic anemia of unknown etiology.

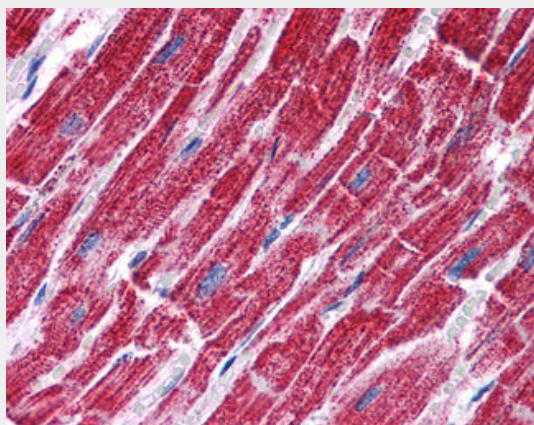
FH / Fumarase / MCL Antibody (Internal) - Protocols

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

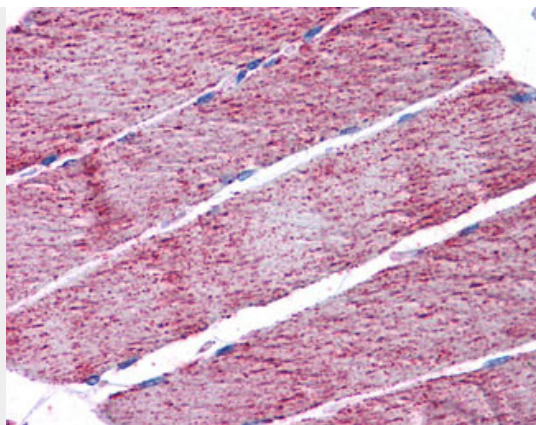
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FH / Fumarase / MCL Antibody (Internal) - Images

Antibody (0.01 ug/ml) staining of Human Kidney lysate (35 ug protein in RIPA buffer).



Anti-FH / Fumarase antibody IHC of human heart.



Anti-FH / Fumarase antibody IHC of human skeletal muscle.

FH / Fumarase / MCL Antibody (Internal) - Background

Also acts as a tumor suppressor.

FH / Fumarase / MCL Antibody (Internal) - References

Gellera C.,et al.Submitted (MAY-1996) to the EMBL/GenBank/DDBJ databases.
Bourgeron T.,et al.Submitted (FEB-1996) to the EMBL/GenBank/DDBJ databases.
Kalnine N.,et al.Submitted (AUG-2003) 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.