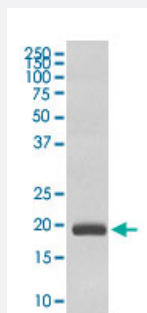


CAV3 monoclonal antibody, clone FF-3

Catalog # MAB19652 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western Blot (Tissue lysate) analysis of human fetal heart lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human CAV3.
Immunogen	A synthetic peptide corresponding to human CAV3.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western Blot (Tissue lysate) analysis of human fetal heart lysate.

Gene Info — CAV3

Entrez GeneID [859](#)

Protein Accession# [P56539](#)

Gene Name CAV3

Gene Alias LGMD1C, LQT9, MGC126100, MGC126101, MGC126129, VIP-21, VIP21

Gene Description caveolin 3

Omim ID [123320](#) [192600](#) [601253](#) [606072](#) [607801](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a caveolin family member, which functions as a component of the caveolae plasma membranes found in most cell types. Caveolin proteins are proposed to be scaffolding proteins for organizing and concentrating certain caveolin-interacting molecules. Mutations identified in this gene lead to interference with protein oligomerization or intra-cellular routing, disrupting caveolae formation and resulting in Limb-Girdle muscular dystrophy type-1C (LGMD-1C), hyperCKemia or rippling muscle disease (RMD). Alternative splicing has been identified for this locus, with inclusion or exclusion of a differentially spliced intron. In addition, transcripts utilize multiple polyA sites and contain two potential translation initiation sites. [provided by RefSeq]

Other Designations M-caveolin

Pathway

- [Focal adhesion](#)

Disease

- [Arrhythmia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Liver Cirrhosis](#)
- [Long QT syndrome](#)
- [Sudden Infant Death](#)