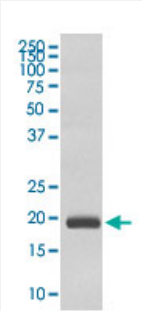
CAV3 monoclonal antibody, clone FF-3

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 st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d 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 pl asma membranes found in most cell types. Caveolin proteins are proposed to be scaffolding prot eins for organizing and concentrating certain caveolin-interacting molecules. Mutations identified i n this gene lead to interference with protein oligomerization or intra-cellular routing, disrupting cav eolae formation and resulting in Limb-Girdle muscular dystrophy type-1C (LGMD-1C), hyperCKe mia or rippling muscle disease (RMD). Alternative splicing has been identified for this locus, with i nclusion or exclusion of a differentially spliced intron. In addition, transcripts utilize multiple polyA s ites and contain two potential translation initiation sites. [provided by RefSeq
Other Designations	M-caveolin

Pathway

- Focal adhesion

Disease

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- Arrhythmia
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Liver Cirrhosis
- Long QT syndrome
- Sudden Infant Death

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