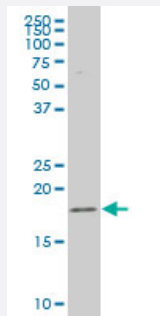


CAV3 polyclonal antibody (A01)

Catalog # H00000859-A01

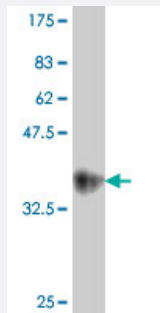
Size 50 uL

Applications



Western Blot (Cell lysate)

CAV3 polyclonal antibody (A01), Lot # 051108JC01 Western Blot analysis of CAV3 expression in SJCRH30 (Cat # L027V1).



Western Blot detection against Immunogen (35.24 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant CAV3.
Immunogen	CAV3 (NP_001225, 1 a.a. ~ 83 a.a) partial recombinant protein with GST tag.
Sequence	MMAEEHTDLEAQVKDIHCKEIDLVRDPKNINEDIVKVD FEDVIAEPVGTYSFDGVWKVSYTTFTV SKYWCYRLLSTLLGVP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (35.24 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

CAV3 polyclonal antibody (A01), Lot # 051108JC01 Western Blot analysis of CAV3 expression in SJCRH30 (Cat # L027V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CAV3

Entrez GeneID

[859](#)

GeneBank Accession#

[NM_001234](#)

Protein Accession#

[NP_001225](#)

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](#)