

## Product Datasheet

# Caveolin-3 Antibody

Catalog No: DY1114

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC IP



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### Information

**UniProt ID:** P56539

**All Names:** Former Catalog No. **CY10114**; CAV3; Caveolin 3; LGMD1C; LQT9; M-caveolin; VIP21;

**Form:** Liquid

**Storage instructions:** Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 17kDa

### Application

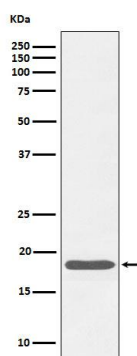
WB 1:500~1:2000

IHC 1:50~1:200

IP 1:50

### Background

May act as a scaffolding protein within caveolar membranes. Interacts directly with G-protein alpha subunits and can functionally regulate their activity. May also regulate voltage-gated potassium channels. Plays a role in the sarcolemma repair mechanism of both skeletal muscle and cardiomyocytes that permits rapid resealing of membranes disrupted by mechanical stress.



Western blot analysis of Caveolin-3 expression in human skeletal muscle cell lysate.

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