

Datasheet for ABIN926940
anti-Caveolin 3 antibody (N-Term)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	Caveolin 3 (CAV3)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Pig, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caveolin 3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	CAV3 antibody was raised in rabbit using the N terminal of CAV3 as the immunogen
Cross-Reactivity:	Dog (Canine), Mouse (Murine), Rat (Rattus), Cow (Bovine), Pig (Porcine)
Purification:	Purified

Target Details

Target:	Caveolin 3 (CAV3)
Alternative Name:	CAV3 (CAV3 Products)
Background:	CAV3 is 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

Target Details

caveolae formation and resulting in Limb-Girdle muscular dystrophy type-1C (LGMD-1C), hyperCKemia or rippling muscle disease (RMD). Synonyms: Polyclonal CAV3 antibody, Anti-CAV3 antibody, caveolin 3 antibody.

Pathways: [Carbohydrate Homeostasis](#), [Regulation of Muscle Cell Differentiation](#), [Regulation of Cell Size](#), [Skeletal Muscle Fiber Development](#), [Negative Regulation of Transporter Activity](#)

Application Details

Application Notes: WB: 0.2-1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: CAV3 Blocking Peptide, catalog no. 33R-6224, is also available for use as a blocking control in assays to test for specificity of this CAV3 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

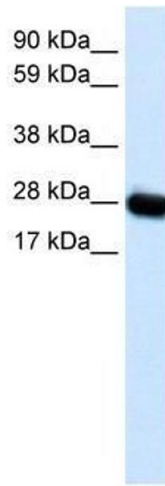
Concentration: Lot specific

Buffer: Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



Western Blotting

Image 1. CAV3 antibody (70R-10516) used at 1.25 ug/ml to detect target protein.