

Anti-Supervillin Antibody

ER1917-34



Product Type:	Rabbit polyclonal IgG, primary antibodies
Species reactivity:	Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Sheep
Applications:	ELISA, IHC-P, IF, ICC
Molecular Wt:	248 KDa

Description: Forms a high-affinity link between the actin cytoskeleton and the membrane. Isoform 1 (archvillin) is among the first costameric proteins to assemble during myogenesis and it contributes to myogenic membrane structure and differentiation. Appears to be involved in myosin II assembly. May modulate myosin II regulation through MLCK during cell spreading, an initial step in cell migration. May play a role in invadopodial function. Isoform 2 may be involved in modulation of focal adhesions. Supervillin-mediated down-regulation of focal adhesions involves binding to TRIP6 (By similarity).

Immunogen: KLH conjugated synthetic peptide derived from human Supervillin 51-150/2214

Positive control: Expressed in many tissues. Most abundant in muscle, bone marrow, thyroid gland and salivary gland. Isoform 1 (archvillin) is muscle specific.

Subcellular location: Cell membrane; peripheral membrane protein; cytoplasmic side. Cytoplasm; cytoskeleton.

Database links: SwissProt: O95425 Human

Recommended Dilutions:

ELISA	1:5000-10000
IHC-P	1:100-500
IF	1:100-500
ICC	1:100-500

Storage Buffer: 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Storage Instruction: Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.

Purity: Protein A affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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Images

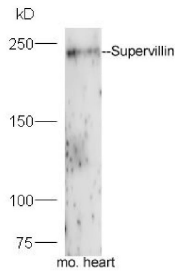


Fig1: Protein: mouse heart lysate;
Primary: rabbit Anti-Supervillin (ER1917-34) at 1:300;
Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP)
at 1: 5000;
Predicted band size:248 kD
Observed band size:248 kD

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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