

Electronic supplemental material 2

Ute Zacharias, Bettina Purfürst, Verena Schöwel, Ingo Morano, Simone Spuler, and Hannelore Haase:
“Ahnak1 abnormally localizes in muscular dystrophies and contributes to muscle vesicle release”

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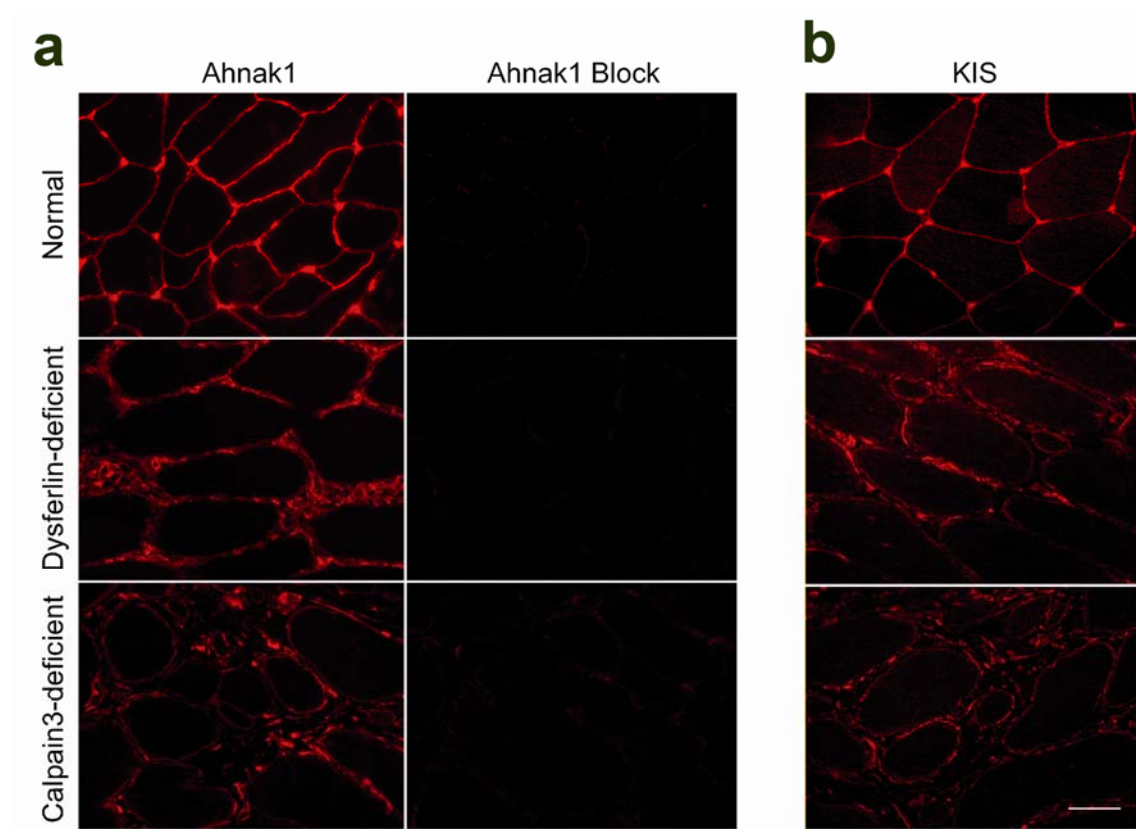
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Online Resource 2 Specificity of ahnak immunolabeling

a Ahnak1 staining in normal human skeletal muscle (upper panel), one patient with dysferlin mutation (middle panel) and one patient with calpain3 mutation (lower panel) is blocked by preincubation of the antibody with the ahnak1 protein used for immunization. **b** Ahnak1/2 staining in human skeletal muscle assessed by the KIS antibody. Cross-sections of skeletal muscle from a patient with dysferlin mutation (middle panel) and a patient with calpain3 mutation (lower panel) demonstrate strong dystrophic changes and extracellular ahnak displacement while ahnak staining is regular (upper panel) in an exemplary normal healthy human skeletal muscle (bar, 50µm).