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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ACTN4 recombinant monoclonal antibody, clone R06-3D7

FSGS1

Catalog Number: RAB01614**Regulatory Status:** For research use only (RUO)**Product Description:** Rabbit recombinant monoclonal antibody raised against synthetic peptide of human alpha Actinin 4.**Clone Name:** R06-3D7**Immunogen:** Original antibody is raised against a synthetic peptide corresponding to human alpha Actinin 4**Theoretical MW (kDa):** Calculated MW: 105 k**Antibody Species:** Rabbit**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols**Form:** Liquid**Purification:** Affinity purification**Isotype:** IgG**Recommend Usage:** Immunofluorescence(1:50-1:200)

Immunoprecipitation(1:20)

Western Blot (1:500-1:1000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)**Storage Instruction:** Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.**Entrez GeneID:** 81**Gene Symbol:** ACTN4**Gene Alias:** ACTININ-4, DKFZp686K23158, FSGS,

Gene Summary: Alpha actinins belong to the spectrin gene superfamily which represents a diverse group of cytoskeletal proteins, including the alpha and beta spectrins and dystrophins. Alpha actinin is an actin-binding protein with multiple roles in different cell types. In nonmuscle cells, the cytoskeletal isoform is found along microfilament bundles and adherens-type junctions, where it is involved in binding actin to the membrane. In contrast, skeletal, cardiac, and smooth muscle isoforms are localized to the Z-disc and analogous dense bodies, where they help anchor the myofibrillar actin filaments. This gene encodes a nonmuscle, alpha actinin isoform which is concentrated in the cytoplasm, and thought to be involved in metastatic processes. Mutations in this gene have been associated with focal and segmental glomerulosclerosis. [provided by RefSeq]