



## ACTN3 Antibody

E305177

### Product description:

Formulation: Lyophilized ACTN3 antibody purified by protein A column containing 0.02% NaN<sub>3</sub>

Catalog No.:E305177

Size: 100ug/200ul

### Source:

Rabbit polyclonal ACTN3 <sup>(1)</sup> antibody was raised against a recombinant human ACTN3 protein 325-608aa (BC099647).

### Species Reactivity:

Reacts with: Human

Predicted: mus, rat

Not yet tested in other species.

### Application:

For research use only

ELISA titer: 1:20,000-1:80,000

Western blot analysis: 1:500-1:1,000

Immunohistochemistry: 1:100-1:500

Optimal dilutions/concentrations should be determined by the end user.

### Dilution instruction and storage:

Already reconstituted in 200ul sterile H<sub>2</sub>O. The antibody is stable for at least one year when stored at -20°C after reconstitution. Avoid repeated freeze/defrost cycles.

fetal  
brain

-130KD    Western Blot analysis of  
-95KD    fetal brain Lysate with  
-72KD    anti-ACTN3 antibody

-55KD

WB 1:500



Immunohistochemical staining of formalin-fixed paraffin-embedded fetal skeletal muscle showing cytoplasmic staining with anti-ACTN3 antibody at a dilution of 1/100.

### Reference:

(1) Sarzynski,M.A., Rankinen,T., Sternfeld,B., et al. Association of Single-Nucleotide Polymorphisms From 17 Candidate Genes With Baseline Symptom-Limited Exercise Test Duration and Decrease in Duration Over 20 Years: The Coronary Artery Risk Development in Young Adults (CARDIA) Fitness Study. Circ Cardiovasc Genet 3 (6), 531-538 (2010)