

ACTN3 Rabbit Polyclonal Antibody



CAB12797

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

103kDa

Calculated MW:

103kDa

Applications:

WB IF

Reactivity:

Human

Protein Background

This gene encodes a member of the alpha-actin binding protein gene family. The encoded protein is primarily expressed in skeletal muscle and functions as a structural component of sarcomeric Z line. This protein is involved in crosslinking actin containing thin filaments. An allelic polymorphism in this gene results in both coding and non-coding variants; the reference genome represents the coding allele. The non-functional allele of this gene is associated with elite athlete status.

Immunogen information

Gene ID:

89

Uniprot

Q08043

Synonyms:

ACTN3

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

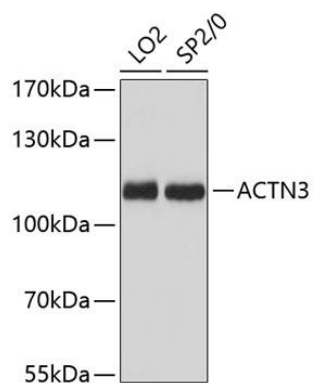
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 580-630 of human ACTN3 (NP_001095.2).

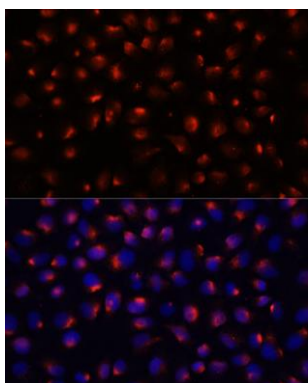
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of various cell lines, using ACTN3 antibody (CAB12797) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.



Immunofluorescence analysis of HeLa cells using ACTN3 antibody (CAB12797) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.