

ACTN3 Polyclonal Antibody

Catalog No.	A12797	Category	Polyclonal Antibodies
Applications	WB, IF	Observed MW	103kDa
Cross-reactivity	Human	Calculated MW	103kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 580-630 of human ACTN3 (NP_001095.2).
Gene ID	89
Swiss prot	Q08043
Synonyms	ACTN3; alpha-actinin-3

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

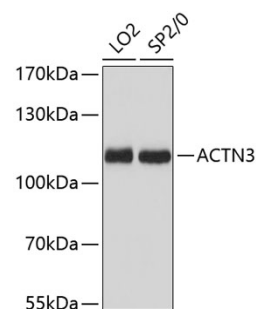
Background

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.

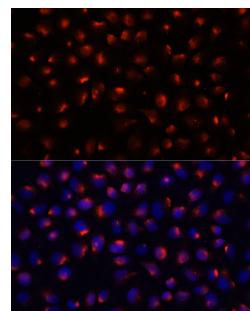
Recommended Dilutions

WB 1:500 -
1:2000

IF 1:50 -
1:200



Western blot - ACTN3 Polyclonal Antibody (A12797)



Immunofluorescence - ACTN3 Polyclonal Antibody (A12797)