antibodies - online.com







anti-ACTN3 antibody (AA 580-630)

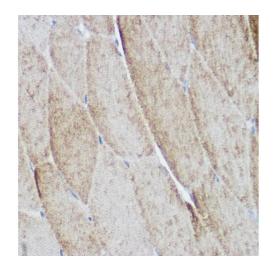
Images

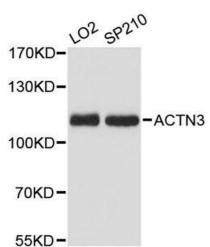


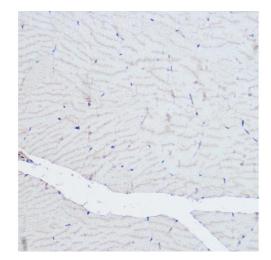
Quantity:	100 μL
Target:	ACTN3
Binding Specificity:	AA 580-630
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACTN3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)
Product Details	
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 580-630 of
	human ACTN3 (NP_001095.2).
Sequence:	GAIMGIQGEI QKICQTYGLR PCSTNPYITL SPQDINTKWD MVRKLVPSCD Q
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification
Target Details	
Target:	ACTN3

Target Details

3	
Alternative Name:	ACTN3 (ACTN3 Products)
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.,ACTN3,Signal Transduction,Cell Biology & Developmental Biology,Apoptosis,Cytoskeleton,Microfilaments,Immunology & Inflammation,T Cell Receptor Signaling Pathway,ACTN3
Molecular Weight:	103 kDa
Gene ID:	89
UniProt:	Q08043
Pathways:	Cell-Cell Junction Organization
Application Details	
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.







Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse skeletal muscle using Rabbit pAb (ABIN6127422, ABIN6136487, ABIN6136489 and ABIN6216551) at dilution of 1:500 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using ACTN3 antibody.

Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat skeletal muscle using Rabbit pAb (ABIN6127422, ABIN6136487, ABIN6136489 and ABIN6216551) at dilution of 1:500 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.