antibodies .- online.com







anti-ACTN3 antibody (N-Term)





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Quantity:	100 μL	
Target:	ACTN3	
Binding Specificity:	N-Term	
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio)	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ACTN3 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC)	
Product Details		
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ACTN3	
Sequence:	VQNFHTSWKD GLALCALIHR HRPDLIDYAK LRKDDPIGNL NTAFEVAEKY	
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%	
Characteristics:	This is a rabbit polyclonal antibody against ACTN3. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	
Target Details		
Target:	ACTN3	

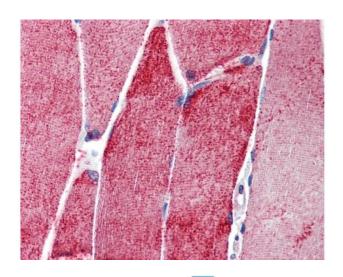
Target Details

Alternative Name:	ACTN3 (ACTN3 Products)		
Background:	Alpha-actinin is an actin-binding protein with multiple roles in different cell types. This protein expression is limited to skeletal muscle. It is localized to the Z-disc and analogous dense bodies, where it helps to anchor the myofibrillar actin filaments. Alpha-actinin is an actin-binding		
	protein with multiple roles in different cell types. This gene expression is limited to skeletal		
	muscle. It is localized to the Z-disc and analogous dense bodies, where it helps to anchor the		
	myofibrillar actin filaments. Publication Note: This RefSeq record includes a subset of the		
	publications that are available for this gene. Please see the Entrez Gene record to access		
	additional publications.		
	Alias Symbols: MGC117002, MGC117005 Protein Interaction Partner: SUM01R1 KCTR6, C1 or f04, RLEKUC2, RNE111, ARI2, NERU		
	Protein Interaction Partner: SUMO1P1, KCTD6, C1orf94, PLEKHG2, RNF111, ABI3, NEBL, TRAF2, TRAF1, REL, ACTN3, ACTN1, ACTN4, UBC, MYPN, NRAP, ADORA2A, ACTN2,		
	Protein Size: 901		
Molecular Weight:	103 kDa		
Gene ID:	89		
NCBI Accession:	NM_001104, NP_001095		
UniProt:	Q08043		
Pathways:	Cell-Cell Junction Organization		
Application Details			
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.		
Comment:	Antigen size: 901 AA		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	Lot specific		
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		

Handling

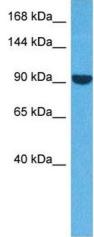
	should be handled by trained staff only.	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.	

Images



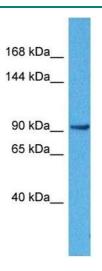
Immunohistochemistry

Image 1.



Western Blotting

Image 2. Host: Rabbit Target Name: ACTN3 Sample Tissue: Human A549 Whole Cell Antibody Dilution: 1ug/ml



Western Blotting

Image 3. Host: Rabbit Target Name: ACTN3 Sample Tissue: Human 786-0 Whole Cell Antibody Dilution: 1ug/ml

Please check the product details page for more images. Overall 4 images are available for ABIN2777061.