

## ACTN2 Antibody (C-term)

Catalog_no :	AB1441
Applications :	WB
Reactivity :	M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:751-779
Specificity :	This ACTN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 751-779 amino acids from the C-terminal region of human ACTN2.
Dilution :	WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Alpha-actinin-2, Alpha-actinin skeletal muscle isoform 2, F-actin cross-linking protein, ACTN2
Isotype :	Rabbit Ig
Background :	Alpha actinins belong to the spectrin gene superfamily which represents a diverse group of cytoskeletal proteins, including the alpha and beta spectrins and dystrophins. Alpha actinin is an actin-binding protein with multiple roles in different cell types. In nonmuscle cells, the cytoskeletal isoform is found along microfilament bundles and adherens-type junctions, where it is involved in binding actin to the membrane. In contrast, skeletal, cardiac, and smooth muscle isoforms are localized to the Z-disc and analogous dense bodies, where they help anchor the myofibrillar actin filaments. This gene encodes a muscle-specific, alpha actinin isoform that is expressed in both skeletal and cardiac muscles.
reference :	Saus, E., et al. J Psychiatr Res 44(14):971-978(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Zimmerman, R.S., et al. Genet. Med. 12(5):268-278(2010) Joslyn, G., et al. Alcohol. Clin. Exp. Res. 34(5):800-812(2010) Chiu, C., et al. J.