

## 产品概述

产品名 ( Product Name )	Actinin- $\alpha$ 1 rabbit Polyclonal Antibody
货号 ( Catalog No. )	ATA24300
宿主 ( Host )	Rabbit
反应种属 ( Species specificity )	Mouse,Rat
应用实验 ( Tested applications )	WB,IHC-p
克隆性 ( Clonality )	Polyclonal
免疫原 ( Immunogen )	Recombinant Protein of Actinin- $\alpha$ 1

## 产品性能

状态 ( Form )	Liquid
存放条件 ( Storage )	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 °C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
纯化方式 ( Purity )	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## 应用

WB: 1:1000-2000 IHC: 1:200-500

## 产品背景

actinin alpha 1(ACTN1) Homo sapiens 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 nonmuscle, cytoskeletal, alpha actinin isoform and maps to the same site as the structurally similar erythroid beta spectrin gene. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008],