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Datasheet for ABIN7239446 anti-ACTN2 antibody

3 Images



#### Overview

Quantity:	200 µL
Target:	ACTN2
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACTN2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	Synthetic peptide of human ACTN2
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	ACTN2
Alternative Name:	ACTN2 (ACTN2 Products)
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 witHuman, Mouseultiple roles in different cell types. In nonmuscle cells,
	the cytoskeletal isoform is found along microfilament bundles and adherens-type junctions,

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7239446 | 09/09/2023 | Copyright antibodies-online. All rights reserved. where it is involved in binding actin to the membrane. In contrast, skeletal, cardiac, and smootHuman, Mouseuscle isoforms are localized to the Z-disc and analogous dense bodies, where they help anchor the myofibrillar actin filaments.

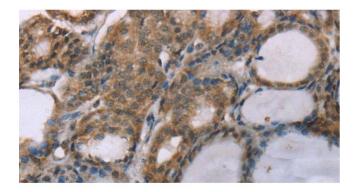
Molecular Weight:	104 kDa
NCBI Accession:	NP_001094
UniProt:	P35609
Pathways:	Cell-Cell Junction Organization, Skeletal Muscle Fiber Development, Negative Regulation of
	Transporter Activity

## Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:25-1:100
Restrictions:	For Research Use only

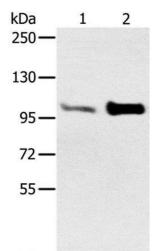
## Handling

Format:	Liquid
Concentration:	0.8 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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.



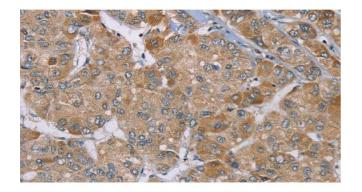
#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human thyroid cancer using ACTN2 Polyclonal Antibody at dilution of 1:30



#### Western Blotting

**Image 2.** Western Blot analysis of Mouse muscle and heart tissue using ACTN2 Polyclonal Antibody at dilution of 1:300



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded Human liver cancer using ACTN2 Polyclonal Antibody at dilution of 1:30

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