

Datasheet for ABIN559759

## anti-alpha Actinin 4 antibody (AA 592-701)

12 Images

1 Publication



[Go to Product page](#)

### Overview

Quantity:	100 µg
Target:	alpha Actinin 4 (ACTN4)
Binding Specificity:	AA 592-701
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This alpha Actinin 4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant ACTN4.
Immunogen:	ACTN4 (NP_004915, 592 a.a. ~ 701 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	KEAQRIAESN HIKLSGSNPY TTVTPQIINS KWEKVOQLVP KRDHALLEEQ SKQQSNEHLR RQFASQANVV GPWIQTKMEE IGRISIEMNG TLEDQLSHLK QYERSIVDYK
Clone:	4D10
Isotype:	IgG2a
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

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Target:	alpha Actinin 4 (ACTN4)
Alternative Name:	ACTN4 ( <a href="#">ACTN4 Products</a> )
Background:	Full Gene Name: actinin, alpha 4 Synonyms: ACTININ-4,DKFZp686K23158,FSGS,FSGS1
Gene ID:	81
NCBI Accession:	<a href="#">NM_004924</a>
Pathways:	<a href="#">Proton Transport</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Publications

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Product cited in:	Yamada, Yanamoto, Yoshida, Yoshitomi, Kawasaki, Mizuno, Nemoto: "RNAi-mediated down-regulation of alpha-actinin-4 decreases invasion potential in oral squamous cell carcinoma." in: <b>International journal of oral and maxillofacial surgery</b> , Vol. 39, Issue 1, pp. 61-7, (2010) ( <a href="#">PubMed</a> ).
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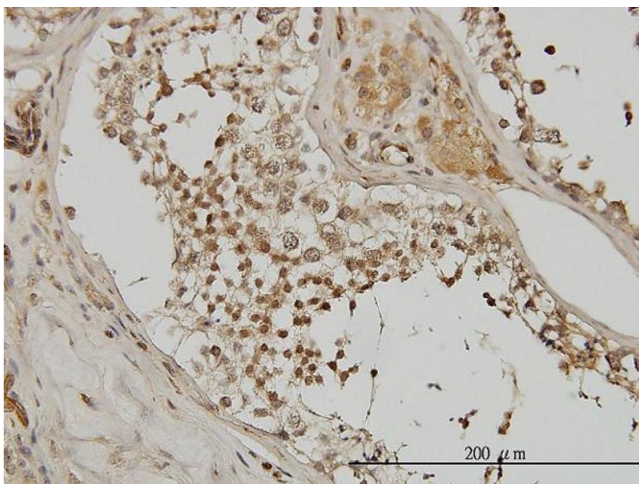


#### Western Blotting

**Image 1.** ACTN4 monoclonal antibody (M01), clone 4D10.  
Western Blot analysis of ACTN4 expression in PC-12 .

#### Western Blotting

**Image 2.** ACTN4 monoclonal antibody (M01), clone 4D10.  
Western Blot analysis of ACTN4 expression in Raw 264.7 .



#### Immunostaining

**Image 3.** Immunoperoxidase of monoclonal antibody to ACTN4 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]

Please check the [product details page](#) for more images. Overall 12 images are available for ABIN559759.