

Datasheet for ABIN6259856  
**anti-AKAP6 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	AKAP6 (Akap6)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKAP6 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

## Product Details

Immunogen:	A synthesized peptide derived from human AKAP6, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	AKAP6 Antibody detects endogenous levels of total AKAP6.
Predicted Reactivity:	Pig,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	AKAP6 (Akap6)
---------	---------------

## Target Details

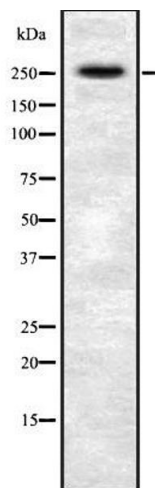
Alternative Name:	AKAP6 ( <a href="#">Akap6 Products</a> )
Background:	Description: Binds to type II regulatory subunits of protein kinase A and anchors/targets them to the nuclear membrane or sarcoplasmic reticulum. May act as an adapter for assembling multiprotein complexes.  Gene: AKAP6
Molecular Weight:	257kDa
Gene ID:	9472
UniProt:	<a href="#">Q13023</a>
Pathways:	<a href="#">cAMP Metabolic Process</a> , <a href="#">Regulation of Muscle Cell Differentiation</a>

## Application Details

Application Notes:	WB 1:1000-3000, IHC 1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

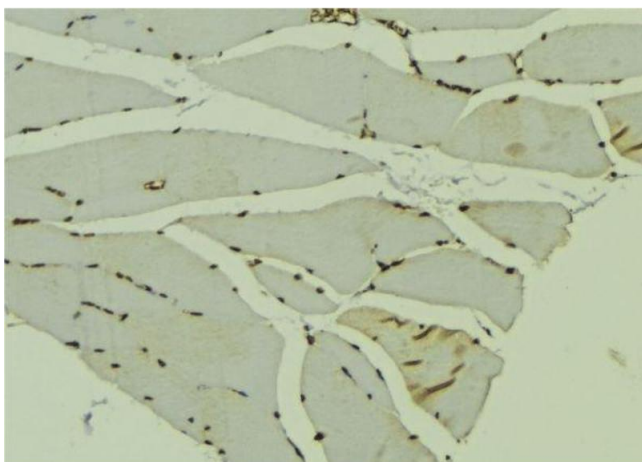
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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. Stable for 12 months from date of receipt.
Expiry Date:	12 months



### Western Blotting

**Image 1.** Western blot analysis of AKAP6 using HuvEc whole cell lysates



### Immunohistochemistry

**Image 2.** ABIN6278734 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary