

Datasheet for ABIN566583  
**anti-PHACS antibody (AA 1-100)**



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## Overview

Quantity:	100 µg
Target:	PHACS (ACCS)
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PHACS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant PHACS.
Immunogen:	PHACS (NP_115981, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MFTLPQKDFR APTTCLGPTC MQDLGSSHGE DLEGECSRKL DQKLPELRGV GDPAMISSDT SYLSSRGRMI KFWWDSAEEG YRTYHMDEYD EDKNPSGIIN
Clone:	1D2
Isotype:	IgG3
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	PHACS (ACCS)
Alternative Name:	ACCS ( <a href="#">ACCS Products</a> )
Background:	Full Gene Name: 1-aminocyclopropane-1-carboxylate synthase homolog (Arabidopsis)(non-functional) Synonyms: ACS,PHACS
Gene ID:	84680
NCBI Accession:	<a href="#">NM_032592</a>

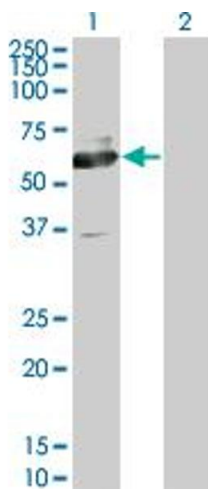
## Application Details

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

## Handling

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.

## Images

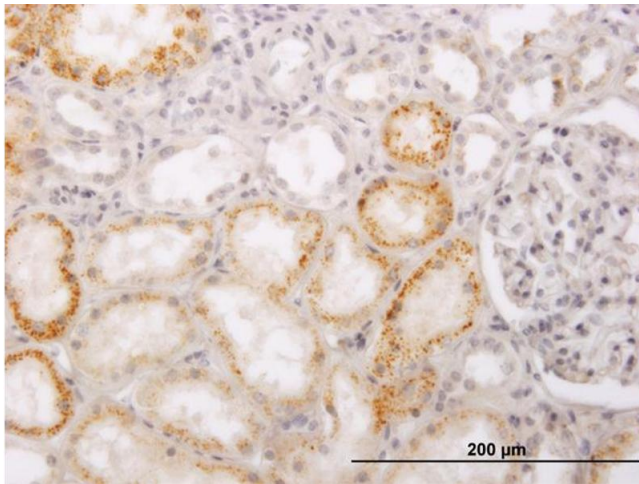


### Western Blotting

**Image 1.** Western Blot analysis of PHACS expression in transfected 293T cell line by PHACS monoclonal antibody (M02), clone 1D2.

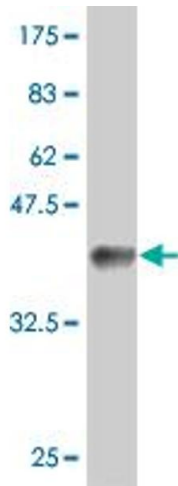
Lane 1: PHACS transfected lysate(57.34 KDa).

Lane 2: Non-transfected lysate.



### Immunostaining

**Image 2.** Immunoperoxidase of monoclonal antibody to PHACS on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



### Western Blotting

**Image 3.** Western Blot detection against Immunogen (36.74 kDa) .